

ARDINAL SAFETY DATA SHEET

ISSUED: 8/17/2018 **REFERENCE:** BG03-T032

T032-BG03 BEIGE

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: T032-BG03 BEIGE

PRODUCT USE: Industrial Powder Coating

MANUFACTURER 24 HR. EMERGENCY TELEPHONE NUMBER

Cardinal Paint and Powder CHEMTREC (US Transportation): (800)424-9300 CHEMTREC (International Transportation): (202)483-7616

S. El Monte, CA, 91733 **WEB:** WWW.CARDINALPAINT.COM 626 444-9274

2. HAZARDS IDENTIFICATION

PICTOGRAMS:



SIGNAL WORD: DANGER

HAZARD STATEMENTS:

H412 Harmful to aquatic life with long lasting effects.

H340 May cause genetic defects.

H351 Suspected of causing cancer.

H317 May cause an allergic skin reaction.

H372 Causes damage to organs through prolonged or repeated exposure.

H318 Causes serious eye damage.

PRECAUTIONARY STATEMENTS:

P201 Obtain special instructions before use.

P260 Do not breathe dust.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P202 Do not handle until all safety precautions have been read and understood.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number	
Titanium Dioxide	10% - 15%	13463-67-7	
Hydrated magnesium silicate	1% - 5%	14807-96-6	
1,3,5-Triglycidyl Isocyanurate	1% - 5%	2451-62-9	
Aluminum Oxide	<1%	1344-28-1	
Crystalline Silica	0.18	14808-60-7	

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4. FIRST AID MEASURES

Description of first aid measures.

EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor/physician.

SKIN CONTACT: Remove affected clothing and wash all exposed area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Wash with plenty of soap and water. Get medical advice/attention. Wash contaminated clothing before reuse. Brush off loose particles from skin. Immerse in cool water/wrap in wet bandages.

INGESTION: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a Poison Center or doctor/physician if you feel unwell

INHALATION: Allow Victim to breathe fresh air. Allow victim to rest. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a Poison Center or doctor/physician if you feel unwell

Most important symptoms and effect, both acute and delayed: Symptoms/Injuries: May cause genetic defects. Causes damage to organs. - After Inhalation: Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled. May cause an allergic skin reaction. May cause cancer by inhalation. - After Eye Contact: Causes serious eye damage. - After Ingestion: Swallowing a small quantity of this material may result in serious health hazard. Indication of any immediate medical attention and special treatment needed: No additional information available.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: Foam, alcohol foam, dry chemical, carbon dioxide, water fog or sand.

UNSUITABLE EXTINGUISHING MEDIA: Do not use heavy water stream.

FIRE FIGHTING PROCEDURE: Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering the environment.

Protection during firefighting: Firefighters should wear full protective gear. Do not enter fire area without proper protective equipment, including self-contained breathing apparatus with full face piece operated in pressure demand or other positive pressure modes.

UNUSUAL FIRE AND EXPLOSION HAZARD: This product is stable at normal handling and storage conditions.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES : General measures: Remove ignition sources. Use special care to avoid static electric charges. No smoking.

FOR NON-EMERGENCY PERSONNEL: For non-Emergency procedures: Evacuate unnecessary personnel.

FOR EMERGENCY RESPONDERS : Protective equipment : Equip cleanup crew with proper protection. - Emergency procedures : Ventilate area.

ENVIRONMENTAL PRECAUTIONS: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public water. Avoid release to the environment.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP: On land, sweep or shovel into suitable containers,. Minimize generation of dust.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when you are leaving work. Provide good ventilation in process area. Use only in well ventilated areas. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Eliminate all ignition sources if safe to do so. Avoid breathing dust, fumes and/or vapors.

Hygiene measures: Wash Skin thoroughly after handling.



CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: Avoid heat sources and direct sunlight. Store in a dry place. Protect from moisture. Keep container closed when not in use. Keep only in the original container in a cool well ventilated place away from heat, ignition sources and direct sunlight.

Incompatible products: Strong bases. Strong acids.

Incompatible materials: Source of ignition. Direct sunlight.

8. EXPOSURE CONTROLS\PERSONAL PROTECTION

1,3,5-Triglycidyl Isocyanurate(2451-62-9			
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	0.05 mg/m3 8 hours	
2-Mercaptobenzothiazole(149-30-4)	I (=) =	T- / -	
USA WEEL	(WEEL) TWA	5 mg/m3	
Aluminum Oxide(1344-28-1)			
USA OSHA	(OEL) Table Z-1, TWA	15 mg/m3	
USA ACGIH	(TLV) TWA	1 mg/m3	
Amorphous Pyrogenic Silica(112945-52-	5)		
USA OSHA	USA OSHA TWA (OEL Table Z-3)	80 mg/m3 3/%SiO2	
USA NIOSH	USA NIOSH TWA (REL)	6 mg/m3	
Amorphous Silica(112926-00-8)			
USA OSHA	USA OSHA TWA (Table Z-1)	6 mg/m3	
USA OSHA	USA OSHA TWA (Tabla Z-3)	20 Million particals per cubic foot.	
USA NIOSH	USA NIOSH TWA (REL)	6 mg/m3	
Carbon Black(1333-86-4)	, (··==)	51	
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	3 mg/m3 8 hours	
OSHA PEL (Permissible Exposure Limit)	TWA (Time Weighted Average)	3.5 mg/m3 8 hours	
NIOSH REL (Recommended Exposure	TWA (Time Weighted Average)	3.5 mg/m3 8 hours	
Limit)	TWA (Time Weighted Average)	3.5 mg/ms 6 nodrs	
NIOSH REL (Recommended Exposure	TWA (Time Weighted Average)	0.1mg of PAHs/cm3 10 hours	
Limit)	TWA (Time Weighted Average)	0.1111g of FAITS/CITIS 10 Hours	
Crystalline Silica(14808-60-7)			
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	0.025 mg/m3 8 hours	
	TWA (Time Weighted Average)	0.025 Hig/Hi3 6 Hours	
Glycerol(56-81-5) USA ACGIH	USA ACGIH TWA (TLV)	10 mg/m3	
USA OSHA	USA OSHA TWA (OEL) Table Z-1	15 mg/m3	
Hydrated magnesium silicate(14807-96-		2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2 /	
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	2 mg/m3 (Respirable Fraction) 8 hours	
NIOSH REL(Recommended Exposure	TWA (Time Weighted Average)	2 mg/m3 (Respirable Fraction) 10	
Limit)	Time Weighted /Weilage)	hours	
Iron Oxide(1309-37-1)		i i i i i i i i i i i i i i i i i i i	
USA ACGIH	USA ACGIG (TLV) TWA	5 mg/m3	
USA OSHA	USA OSHA (OEL) TWA Table Z-1	15 mg/m3	
USA NIOSH	USA NIOSH (REL) TWA	5 mg/m3	
Limestone(1317-65-3)	TOOK NICOTI (NEL) IWA	į 5 mg/m5	
	Not Applicable	Not Applicable	
ACGIH	Not Applicable	Not Applicable	
OSHA PEL (Permissible Exposure Limit)	TWA (Time Weighted Average)	15 mg/m3 (Total Dust) 8 hours	
OSHA PEL (Permissible Exposure Limit	TWA (Time Weighted Average)	5 mg/m3 (Respirable Fraction) 8 hours	
NIOSH REL (Recommende Exposure	TWA (Time Weighted Average)	15 mg/m3 (Total Dust) 8 hour	
LImit)		3, 1 (111 111, 111)	
NIOSH REL (Recommende Exposure	TWA (Time Weighted Average)	5 mg/m3 (Respirable Fraction) 8	
LImit)	line (tro.g./cod / tro.dge/	hours	
Titanium Dioxide(13463-67-7)		1	
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	10 mg/m3 8 hours	
OSHA PEL (Permissible Exposure Limit)	TWA (Time Weighted Average)	15 mg/m3 8 hours	
OSTITUTE (LELLISSINIE EXPOSULE FILLIS)	Tiva (Time weighted Average)	13 mg/m3 0 mours	

PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION: Wear approved dust mask.

HAND PROTECTION: Wear protective gloves.



EYE PROTECTION: Chemical goggles or safety glasses.

SKIN AND BODY PROTECTION: Wear suitable protective clothing.

WORK HYGIENIC PRACTICES: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	:	Solid
Melting point	:	55 - 90 deg C
Flash point	:	No data available.
Lower explosion limit	:	10 g/m ³
Upper explosion limit	:	70 g/m ³
Density	:	1.6892
Solubility	:	No data available.
Autoignition temperature	:	No data available.
Decomposition temperature	:	No data available.

10. STABILITY AND REACTIVITY

REACTIVITY: This product is stable at normal handling and storage conditions.

CHEMICAL STABILITY: Stable under normal conditions.

CONDITIONS TO AVOID: Direct sunlight. Extremely high or low temperatures.

INCOMPATIBLE MATERIALS: Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Fume. Carbon monoxide. Carbon dioxide.

11. TOXICOLOGICAL INFORMATION

1,3,5-Triglycidyl Isocyanurate(2451-62-9)	
Acute toxicity - LD50 - oral - rat	100 - 200 mg/kg
Acute toxicity - LC50 - inhalation - rat -	> 650 mg/m3
male - 4 h	
Acute toxicity - LD50 - Dermal - rat- male	> 2000 mg/kg
& female	
Skin irritation - rabbit	Mild skin irritation - 24 hours
Eye irritation - rabbit	Severe eye irritation
Respiratory or skin sensation -	May cause sensitization by skin contact
Maximization test - guinea pig	
Germ cell mutagenicity	In vivo tests showed mutagenic effects
Germ cell mutagenicity - AMES test - S.	Positive
typhimurium	
Germ cell mutagenicity - AMES test -	Positive
mouse - male	
IARC	No component of this product present at levels greater than or equal to
	0.1%is identified as a probable, possible or confirmed human carcinogen
ACCILL	by IARC
ACGIH	No component of this product present at levels greater than or equal to
NTD	0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP
OSHA	No component of this product present at levels greater than or equal to
USHA	0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single	No data available
exposure	I TVO data available
Specific target organ toxicity - repeated	No data available
exposure	The data available
Aspiration hazard	No data available
Additional information	To the best of our knowledge, the chemical, physical, and toxicological
The state of the s	properties have not been thoroughly investigated
	proposition and the second sec



2-Mercaptobenzothiazole(149-30-4)	2000 //
Acute toxicity - LD50 - oral - male and	3800 mg/kg
femal rat	> 1270 mg/m2
Acute toxicity - LC50 - inhalation - rat	> 1270 mg/m3 > 7940 mg/kg
Acute toxicity - LD50 - dermal - male and female rabbit	> /940 mg/kg
	No okin imitation / 24 h
Skin irritation - rabbit	No skin irritation / 24 h
Eye irritation - rabbit	No eye irritation / 24 h
Respiratory or skin sensitisation - Buehler	May cause allergic skin reaction
test - guinea pig	M
Respiratory or skin sensitisation -	May cause allergic skin reaction
Maximisation test - guinea pig	N
Germ cell mutagenicity - Ames test - S.	Negative
typhimurium	
Germ cell mutagenicity - male and female	Negative
mouse	
IARC	No component of this product present at levels greater than or equal to
	0.1% is identified as a probable, possible or confirmed human carcinogen
	by IARC
ACGIH	No component of this product present at levels greater than or equal to
	0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	No component of this product present at levels greater than or equal to
F	0.1% is identified as a known or anticipated carcinogen
OSHA	No component of this product present at levels greater than or equal to
	0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single	No data available
exposure	
Specific target organ toxicity - repeated	No data available
exposure	
Aspiration hazard	No data available
Additional information	Repeated dose toxicity - male and female rat - lowest observed adverse
	effect level - 2500 mg/kg
Additional information	To the best of our knowledge, the chemical, physical, and toxicological
Additional information	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
Additional information Aluminum Oxide(1344-28-1)	
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat	properties have not been thoroughly investigated
Aluminum Oxide(1344-28-1)	properties have not been thoroughly investigated > 10,000 mg/kg
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat	> 10,000 mg/kg > 2.6 mg/L / 4 h
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation -	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - quinea pig Germ cell mutagenicity	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals No data available
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - guinea pig	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals
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Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - guinea pig Germ cell mutagenicity Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information	> 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals No data available This product is or contains a component that is not classifiable as to its carcinogenicty based on its IARC, ACGIH, NTP, or EPA classification No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available No data available No data available Cough, chest pain, difficulty in breathing, gastrointestinal disturbance
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - guinea pig Germ cell mutagenicity Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Addittional information	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals No data available This product is or contains a component that is not classifiable as to its carcinogenicty based on its IARC, ACGIH, NTP, or EPA classification No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available No data available No data available
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - guinea pig Germ cell mutagenicity Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Addittional information Amorphous Pyrogenic Silica(112945-52-5)	> 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals No data available This product is or contains a component that is not classifiable as to its carcinogenicty based on its IARC, ACGIH, NTP, or EPA classification No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available No data available No data available Cough, chest pain, difficulty in breathing, gastrointestinal disturbance Liver irregularities based on human evidence
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - guinea pig Germ cell mutagenicity Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Addittional information Amorphous Pyrogenic Silica(112945-52-5) Acute toxicity - Inhalation	> 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals No data available This product is or contains a component that is not classifiable as to its carcinogenicty based on its IARC, ACGIH, NTP, or EPA classification No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available No data available No data available Cough, chest pain, difficulty in breathing, gastrointestinal disturbance Liver irregularities based on human evidence
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - guinea pig Germ cell mutagenicity Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Addittional information Amorphous Pyrogenic Silica(112945-52-5) Acute toxicity - Dermal	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals No data available This product is or contains a component that is not classifiable as to its carcinogenicty based on its IARC, ACGIH, NTP, or EPA classification No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - guinea pig Germ cell mutagenicity Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Addittional information Addittional information Amorphous Pyrogenic Silica(112945-52-5) Acute toxicity - Dermal Skin irritation	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals No data available This product is or contains a component that is not classifiable as to its carcinogenicty based on its IARC, ACGIH, NTP, or EPA classification No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available No data available No data available No data available No data available No data available No data available No data available No data available No data available No data available No data available No data available No data available No data available No data available
Aluminum Oxide(1344-28-1) Acute toxicity - LD50 - oral - rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - dermal Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - maximisation test - guinea pig Germ cell mutagenicity Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Addittional information Amorphous Pyrogenic Silica(112945-52-5) Acute toxicity - Dermal	properties have not been thoroughly investigated > 10,000 mg/kg > 2.6 mg/L / 4 h No data available No skin irritation No eye irritation DId not cause sensitisation on laboratory animals No data available This product is or contains a component that is not classifiable as to its carcinogenicty based on its IARC, ACGIH, NTP, or EPA classification No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available



Carcinogenicity - Rat - Inhalation Tu res IARC ACGIH No O.: NTP No O.: OSHA Reproductive toxicity Specific target organ toxicity - single exposure	inscheduled DNA synthesis imorigenic: Carcinogenic by RTECS criteria. Lungs, thorax, or spiration: tumors bt classifiable as to its carcinogenicity to human by component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by ACGIH by component of this product present at levels greater than or equal to 1% is identified as as known or anticipated carcinogen by component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by OSHA by data available by data available
Carcinogenicity - Rat - Inhalation Tu res IARC ACGIH No 0.: NTP No 0.: OSHA Reproductive toxicity Specific target organ toxicity - single exposure	imorigenic: Carcinogenic by RTECS criteria. Lungs, thorax, or spiration: tumors of classifiable as to its carcinogenicity to human component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by ACGIH component of this product present at levels greater than or equal to 1% is identified as as known or anticipated carcinogen component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by OSHA of data available
IARC No ACGIH No O.: NTP No O.: OSHA No Reproductive toxicity No Specific target organ toxicity - single exposure	spiration: tumors of classifiable as to its carcinogenicity to human of component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by ACGIH of component of this product present at levels greater than or equal to 1% is identified as as known or anticipated carcinogen of component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by OSHA of data available
IARC ACGIH No 0.: NTP No OSHA Reproductive toxicity Specific target organ toxicity - single exposure	ot classifiable as to its carcinogenicity to human component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by ACGIH component of this product present at levels greater than or equal to 1% is identified as as known or anticipated carcinogen component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by OSHA data available
ACGIH No 0.: NTP No 0.: OSHA Reproductive toxicity Specific target organ toxicity - single exposure	o component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by ACGIH component of this product present at levels greater than or equal to 1% is identified as as known or anticipated carcinogen component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by OSHA data available
NTP Nc O: OSHA Nc Reproductive toxicity Nc Specific target organ toxicity - single exposure	1% is identified as a carcinogen or potential carcinogen by ACGIH component of this product present at levels greater than or equal to 1% is identified as as known or anticipated carcinogen component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by OSHA data available
NTP Nc O.: OSHA Nc O.: Reproductive toxicity Nc Specific target organ toxicity - single exposure	o component of this product present at levels greater than or equal to 1% is identified as as known or anticipated carcinogen o component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by OSHA o data available
OSHA OSHA Reproductive toxicity Specific target organ toxicity - single exposure	1% is identified as as known or anticipated carcinogen component of this product present at levels greater than or equal to 1% is identified as a carcinogen or potential carcinogen by OSHA data available
OSHA 0.: Reproductive toxicity No Specific target organ toxicity - single exposure	o component of this product present at levels greater than or equal to 1% is identifed as a carcinogen or potential carcinogen by OSHA o data available
Reproductive toxicity No Specific target organ toxicity - single exposure	1% is identifed as a carcinogen or potential carcinogen by OSHA o data available
Specific target organ toxicity - single exposure	
exposure	o data available
Specific target organ toxicity - repeated No	
Specific target organ toxicity repeated 110	o data available
exposure	
	o data available
	the best of our knowledge, the chemical, physical, and toxicological
	operties have not been thoroughly investigated
	omach irregularities based on human evidence
Amorphous Silica(112926-00-8)	
	data available
	t classifiable as to its carcinogenicity to humans
	component of this product present at levels greater than or equal to
	1% is identified as a carcinogen or potential carcinogen by ACGIH
	component of this product present at levels greater than or equal to
	1% is identified as a known or anticipated carcinogen by NTP
	component of this product present at levels greater than or equal to
	1% is identified as a carcinogen or potential carcinogen by OSHA
	data available
	data available
exposure	
	data available
exposure	
	data available
	norphous silica is not classified as to its carcinogenicity to humans,
	wever, crystalline silica inhaled in the form of quartz or cristobalite from
	cupational sources is carcinogenic to humans (Group 1, IARC).
	perefore, amorphous silica should be handled as if possessing the same
	izards as the crystalline form. To the best of our knowledge, the
	emical, physical, and toxicological properties have not been thoroughly vestigated.
	omach - irregularities - based on human evidence
Barium Sulfate(7727-43-7)	omach in egulanides based on numan evidence
	o data available
	o data available
Germ cell mutagenicity - mouse - No micronucleus test	reported data
	uivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or
	espiration: Tumors
	o component of this product present at levels greater than or equal to
	1% is identified as a probable, possible, or confirmed human carcinogen
	PIARC
	o component of this product present at levels greater than or equal to
	1% is identified as a carcinogen or potential carcinogen by ACGIH
	o component of this product present at levels greater than or equal to
	1% is identified as a known or anticipated carcinogen by NTP
	o component of this product present at levels greater than or equal to
	1% is identified as a carcinogen or potential carcinogen by OSHA



Reproductive toxicity	No data available
Specific target organ toxicity - single	No data available
exposure	The data divalidate
Specific target organ toxicity - repeated	No data available
exposure	
Aspiration hazard	No data available
Additional information	Prolonged inhalation of dust may cause baritosis, a benign
	pneumoconiosis. If ingested, the presence of soluble barium salts as
	impurities may cause toxic reactions due to bioaccumulation., Damage to
	the lungs., To the best of our knowledge, the chemical, physical, and
	toxicological properties have not been thoroughly investigated.
Additional information	Stomach irregularities - based on human evidence
Carbon Black(1333-86-4)	
LD50 Oral - Rat	> 8,000 mg/kg, male and female, (OECD Test Guideline 401)
LD50 Inhalation - Rat	No data available
LD50 Dermal - Rabbit	> 3,000 mg/kg
Skin corrosion/irritation	No skin irritation - 24 h, (OECD Test Guideline 404)
Eye damage/irritation - Rabbit	No eye irritation, (OECD Test Guideline 405)
Respiratory/skin sensitization - Guinea pig	Did not cause sensitization on laboratory animals, (OECD Test Guideline 406)
Germ cell mutagenicity	Ames test, S. typhimurium, negative
Hamster - Ovary	Negative
DNA repair - Rat - Female	Negative
Carcinogenicity - Rat - Inhalation	Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or
	Respiration: Tumors. This product is or contains a component that has
	been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP,
IADC	or EPA classification. Limited evidence of carcinogenicity in animal studies.
NTP	2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal
INTE	to0.1% is identified as a known or anticipated carcinogen by NTP
OSHA	No component of this product present at levels greater than 0.1% is
	identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Organ toxicity	Specific target organ toxicity - single exposure: No data available
Organ toxicity	Specific target organ toxicity - repeated exposure: No data available
Aspiration hazard	No data available
Additional Information	RTECS: FF5800000 To the best of our knowledge, the chemical , physical,
	and toxicological properties have not been throughly investigated.
Crystalline Silica(14808-60-7)	
Acute Inhalation toxicity	no data available
Acute Dermal toxicity	no data available
Skin irritation	no data available
eye irritation	no data available
Respiratory or skin sensation	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	Limited evidence of carcinogenicity in human studies
IARC	Group 1: Carcinogenic to humans (Quartz)
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	Known to be human carcinogen (Quartz)
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	no data available
Specific target organ toxicity - single	no data available
exposure	
Specific target organ toxicity - repeated exposure - inhalation	may cause damage to organs through prolonged or repeated exposure
Aspiration hazard	no data available



Acres 1	
Additional information	Prolonged inhalation of crystalline silica may result in silicosis, a disabling pulmonary fibrosis characterized by fibrotic changes and miliary nodules in the lungs, a dry cough, shortness of breath, emphysema, decreased chest expansion, and increased susceptibility to tuberculosis. In advanced stage, loss of appetite, pleuric pain, and total incapacity to work. Advanced silicosis may result in death due to cardiac failure or destruction of lung tissue. Crystalline silica is classified as group 1 "known to be carcinogenic to humans" by IARC and "sufficient evidence" of carcinogenicity by the NTP., The chronic health risks are associated with respirable particles of 3-4 um over protracted periods of time. Currently, there is a limited understanding of the mechanisms of quartz toxicity, including its mechanisms for lung carcinogenicity. Additional studies are needed to determine whether the cell transforming activity of quartz is related to its carcinogenic potential.
Additional information	Liver - Irregularities - based on human evidence
Glycerol(56-81-5)	
Acute toxicity - LD50 - oral - rat	12,600 mg/kg
Acute toxicity - inhalation	No data available
Acute toxicity - LD50 - dermal - rabbit	> 10,000 mg/kg
Skin irritation - rabbit	Mild skin irritation / 24 h
Eye irritation - rabbit	Mild eye irritation / 24 h
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
IARC	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible or confirmed human carcinogen by IARC
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	Prolonged or repeated exposure may cause: nausea headache, vomitting
Additional information	To the best of our knowledge, the chemical, physical, and toxicological porperties have not been thoroughly investigated.
Additional information	Kidney irregularities based on human evidence
Hydrated magnesium silicate(14807-96-6)	
Acute toxicity - inhalation	No data available
Acute toxicity - dermal	No data available
Skin irritation - human	Mild skin irritation 3 h
Eye irritation	No data available
Respiratory or skin sensitisation	No ata available
Germ cell mutagenicity	No data available
Carcinogenicity - rat - inhalation	Equivocal tumorigenic agent by RTECS criteria. Lungs, thorax, or respiration: Tumors
IARC	Group 3: Not classifiable as to its carcinogenicity to humans
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
Additional information	Stomach irregularities based on human evidence
Iron Oxide(1309-37-1)	
Acute toxicity	No data available
ricate toricity	110 data uvullable



_	
Acute toxicity - dermal	`No data available
Skin irritation - human	Skin irritation
Eye irritation - human	Moderate eye irritation
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available
Carcinogenicity - rat - subcutaneous	Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation.
Carcinogenicity	This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.
IARC	Group 3: not classifiable as to its carcinogeniciy to humans (diiron trioxide).
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a kown or anticpated carcinogen by NTP.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as ca carcinogen or potential carcinogen by OSHA.
Reproductive toxicity	No data available
Specific target organ toxicity - single exposure	inhalation - may cause respiratory irritation.
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	Long term inhalation exposure to iron (oxide fume or dust) can cause siderosis. Siderosis is considered to be a benign pneumoconiosis and does not normally cause significant physiological impairment. Siderosis can be observed on x-rays with the lungs having a mottled appearance., To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.
Limestone(1317-65-3)	
Draize test, rabbit, eye	750 ug/24H severe
Draize test, rabbit, skin	500 mg/24H moderate
Oral, rat: LD50	6450 mg/kg
ACGIH, IARC, NTP, CA Prop 65	Not listed
Epidemiology	No information available
Teratogenicity	No information available
Reproductive effects	No information available
Mutagenicity	No information available
Neurotoxicity	No information available
Pentaerythritol tetrakis(6683-19-8)	
Acute toxicity - LD50 - oral - male rat	> 5000 mg/kg
Acute toxicity - LC50 - inahalation - male and female rat	> 1.95 mg/l / 4h
Acute toxicity - LD50 - dermal - male and female rabbit	> 3160 mg/kg
Acute toxicity - LD50 - intraperitoneal - rat	> 1000 mg/kg
Skin corrosion - rabbit	No skin irritation - 24 h
Eye irritation - rabbit	No eye irritation
Respiratory or skin sesnsitization - guinea	Does not cause skin sensitization
Germ cell mutagenicity - Ames test - S. typhimurium	Negative
Mutagenicity - micronucleus test - male and female hamster	Negative
IARC carcinogenicity	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single	No data available
exposure	
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available



Titanium Dioxide(13463-67-7)	
Acute toxicity - LD50 - oral - rat	> 10000 mg/kg
Acute toxicity - inhalation	No data available
Acute toxicity - LD50 - dermal - rabbit	> 10000 mg/kg
Skin irritation - human	Mild skin irritation - 3 h
Eye irritation - rabbit	No eye irritation
Respiration or skin sensitisation	Will not occur
Germ cell mutagenicity - hamster - ovary -	No results available
micronucleus test	
Germ cell mutagenicity - hamster - lungs	DNA inhibition
Germ cell mutagenicity - hamster - ovary -	No results available
sister chromatid exchange	
Germ cell mutagenicity - mouse -	No results available
micronucleus test	
IARC	No component of this product present at levels greater than or equal to
	0.1% is identified as a probable, possible or confirmed human carcinogen
	by IARC
NTP	No component of this product present at levels greater than or equal to
	0.1% is identified as a known or anticipated carcinogen
OSHA	No component of this product present at levels greater than or equal to
	0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single	No data available
exposure	To data diamote
Specific target organ toxicity - repeated	No data available
exposure	TVO data avallable
Aspiration hazard	No data available
Additional information	To the best of our knowledge, the chemical, physical, and toxicological
Additional information	
Tric(2.4 ditart hutulahanyl) ahaanhita(2157)	properties have not been thoroughly investigated
Tris(2,4-ditert-butylphenyl) phosphite(3157) LD50 - oral - male and female rat - Acute	> 6000 mg/kg
Toxicity	> 6000 Hig/kg
Toxicity	
	> 2000 mg/kg
LD50 - dermal - male and female rat	> 2000 mg/kg
LD50 - dermal - male and female rat Skin irritation - rabbit	No skin irritation / 24 h
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit	No skin irritation / 24 h No eye irritation / 30 s
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea	No skin irritation / 24 h
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test	No skin irritation / 24 h No eye irritation / 30 s
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA Not data available
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity Developmental toxicity - oral - rabbit	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA Not data available No adverse effect has been observed in chronic toxicity tests
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA Not data available
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and female hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity Developmental toxicity - oral - rabbit Specific target organ toxicity - single exposure	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA Not data available No adverse effect has been observed in chronic toxicity tests No data available
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity Developmental toxicity - oral - rabbit Specific target organ toxicity - single	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA Not data available No adverse effect has been observed in chronic toxicity tests
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and female hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity Developmental toxicity - oral - rabbit Specific target organ toxicity - single exposure	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA Not data available No adverse effect has been observed in chronic toxicity tests No data available
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation- rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity Developmental toxicity - oral - rabbit Specific target organ toxicity - single exposure Specific target organ toxicity - repeated	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA Not data available No adverse effect has been observed in chronic toxicity tests No data available
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and female hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity Developmental toxicity - oral - rabbit Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA Not data available No adverse effect has been observed in chronic toxicity tests No data available Repeated dose toxicity - rat - male and female - oral - No observed adverse effect level - >/ 1000 mg/kg
LD50 - dermal - male and female rat Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitization - guinea pig Germ cell mutagenicity -Ames test (micronucleus test) - male and female hamster Carcinogenicity - oral - male and female rat IARC ACGIH NTP OSHA Reproductive toxicity Developmental toxicity - oral - rabbit Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure	No skin irritation / 24 h No eye irritation / 30 s Does not cause skin sensitization Negative No adverse effect has been observed in chronic toxicity tests No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinogen by IARC No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carconogen by OSHA Not data available No adverse effect has been observed in chronic toxicity tests No data available Repeated dose toxicity - rat - male and female - oral - No observed



12. ECOLOGICAL INFORMATION

1.2 E.T.: 1.111	
1,3,5-Triglycidyl Isocyanurate(2451-62-9) Toxicity to fish - static test LC50 - danio	> 77 mg/l - 96 h
rerio (zebra fish)	> // mg/i - 90 ii
Toxicity to daphnia and other aquatic	> 100 mg/l - 24 h
invertebrates - Immobilization - EC50 -	
daphnia magna (water flea)	
Toxicity to algae - growth inhibition - EC50	29 - 30 mg/l - 72 h
- Desmodesmus subspicatus	
Toxicity to bacteria - Respiration inhibition - IC50 - Sludge Treatment	> 100 mg/l 3 h
Persistence and degradability -	0.5 - 1% - not biodegradable
biodegradability - aerobic - exposure time:	
44 d	No. 1 de la constant
Bioaccumulative potential	No data available
Mobility in soil PBT & vPvB	No data available not available/not required
Other adverse effects	An environmental hazard cannot be excluded in the event of
Other adverse effects	unprofessional handling or disposal. Harmful to aquatic life with long lasting effects
2-Mercaptobenzothiazole(149-30-4)	
Toxicity to fish - flow-through test - LC50 - rainbow trout	0.73 mg/L / 96 h
Toxicity to daphnia and other aquatic	0.71 mg/L / 48 h
invertebrates - immobilization EC50 -	0.71 mg/L/ 40 m
Daphnia magna (water flea)	
Toxicity to algae - growth inhibition - EC50	0.5 mg/L - 72 h
- green algae	3 ,
Persistence and degradability -	1% - not readily biodegradable - exposure time: 28 d
biodegradability - biotic/aerobic	
Bioaccumulative potential -	0.1 mg/L / 42 d
bioaccumulation - carp	
Bioaccumulative potential -	< 0.8
Bioconcentration factor	No. 1 de la 11 de la
Mobility in soil	No data available
PBT and vPvB Other adverse effects	Not available/not required An environmental hazard cannot be excluded in the event of
Other adverse effects	unprofessional handling or disposal. Very toxic to aquatic life with long
	lasting effects.
Aluminum Oxide(1344-28-1)	
Toxicity	No toxicity at the limit of solubility
Persisitence and degradability	The methods for determining biodegradability are not applicable to
- '	inorganic substances
Bioaccumulative potential	Does not bioaccumulate
Mobility in soil	No data available
PBT and vPvB	Not available/not required
Other adverse effects	No data available.
Amorphous Pyrogenic Silica(112945-52-5)	I N. J. J. W. H.
Toxicity Persistence and degradability	No data available
Persistence and degradability	No data available
Bioaccumulative potential Mobility in soil	No data available
PBT and vPvB	No data available not available/not required
Amorphous Silica(112926-00-8)	Those a valiable/ not required
Toxicity	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
PBT and vPvB	not available/not required
Barium Sulfate(7727-43-7)	
Toxicity	No data available
Persistence and degradability	The methods for determining biodegradability are not applicable in
	inorganic substances
Bioaccumulative potential	No data available



Mobility in soil	No data available
PBT and vPvB	not available/not required
Carbon Black(1333-86-4)	
Toxicity to fish LC50	Danio rerio (zebra fish) >1000 mg/l - 96 h
EC50 Toxicity to daphnia and other aquatic	Daphnia magna (Water flea) > 5600 mg/l - 24 h (OECD Test Guideline
invertebrates	202)
EC50 Toxicity to algae	Desmodesmus subspicatus (green algae > 10,000 mg/l - 72 h (OECD Test
	Guideline 201)
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB assessment	Not available/not required
Crystalline Silica(14808-60-7)	,
Toxicity	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
PBT and vPvB	not available/not required
Glycerol(56-81-5)	
Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB	Not available/not required
Other adverse effects	No data available
Hydrated magnesium silicate(14807-96-6)	
Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB	Not available/not required
Iron Oxide(1309-37-1)	
Toxicity	No data available
Persisitence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB	Not available/not required
Other adverse effects	No data available
Limestone(1317-65-3)	
Ecotoxicity	No data available
Environmental	No information reported
Physical	No information available
Pentaerythritol tetrakis(6683-19-8)	
Toxicity to fish - static LC50 - zebra fish	> 100 mg/L / 96 h
Toxicity to daphnia and other aquatic	> 86 mg/L / 24 h
invertebrates - immobilization EC50 -	J
daphnia magna (water flea)	
Toxicity to algae - static EC50 -	> 100 mg/L / 72 h
Scenedesmus subspicatus	3 . ,
Toxicity to bacteria - respiration inhibition	> 100 mg/L / 3 h
IC50 - sludge treatment	
Persistence and degradability -	5% - not biodegradable : exposure time - 28 d
biodegradability - aerobic	
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB	Not available/not required
Other adverse effects	No data available
Titanium Dioxide(13463-67-7)	
Toxicity to fish - LC50 - other fish	> 1000 mg/L / 96 h
Toxicity to daphnia and other aquatic	> 1000 mg/L / 48 h
invertebrates - EC50 - Dapphnia magna	
(water flea)	
Toxicity to daphnia and other aquatic	1000 mg/L / 48 h
invertebrates - ECO - Daphnia magna	
(water flea)	
Persistence and degradability	No data available



Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPbV	Not available/not required
Other adverse effects	No data available
Tris(2,4-ditert-butylphenyl) phosphite(31570-04-4)	
Toxicity to fish - static LC0 - zebra fish	100 mg/L / 96 h
Toxicity to daphnia and other aquatic	510 mg/L / 24 h
invertebrates - static EC50 - Daphnia	
magna	
Toxicity to algae - static EC50 -	> 75 mg/L / 72 h
Scenedesmus subspicatus	
Toxicity to bacteria - respiration inhibition	> 100 mg/L / 3 h
IC50 - sludge treatment	
Persistence and degradability -	6% - not readily biodegradable - exposure: 28 d
biodegradability - aerobic	
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB	not available/not required

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

GENERAL INFORMATION: No data available.

DISPOSAL METHOD: Dispose of in accordance with Local, State, Regional, National and International Regulations.

Ecology - waste materials: Avoid release to the environment.

14. TRANSPORT INFORMATION

*CHECK WITH YOUR CARRIER FOR ADDITIONAL RESTRICTIONS THAT MAY APPLY.

USDOT GROUND

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME (DOT): Not Regulated/Not Applicable

HAZARDS CLASS: None UN/NA NUMBER: Not Applicable

PACKING GROUP: None

EMERGENCY RESPONSE GUIDE (ERG): Not Applicable

IATA (AIR)

DOT (INTERNATIONAL AIR TRANSPORTATION ASSOCIATION)

PROPER SHIPPING NAME: Not Regulated/Not Applicable

HAZARDS CLASS: Not Applicable UN/NA NUMBER: Not Applicable **PACKING GROUP:** Not Applicable

EMERGENCY RESPONSE GUIDE (ERG): Not Applicable

IMDG (OCEAN)

PROPER SHIPPING NAME: Not Regulated, Not Applicable

HAZARDS CLASS: Not Applicable UN/NA NUMBER: Not Applicable PACKING GROUP: Not Applicable

EMERGENCY RESPONSE GUIDE (ERG): Not Applicable

MARINE POLLUTANT: No

SPECIAL PRECAUTIONS: P235 Keep cool.



SAFETY DATA SHEET

ISSUED: 8/17/2018 REFERENCE: BG03-T032

15. REGULATORY INFORMATION

US FEDERAL REGULATIONS
All ingredients are TSCA (Toxic Substance Control Act) listed.

OSHA HAZARDS: Moderate skin irritant, Moderate eye irritant.

EPCRA - Emergency

CERCLA REPORTABLE QUANTITY

SARA 304 Extremely Hazardous Substances Reportable Quantity: This material does not contain any components with a section 304 EHS RQ.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard.

This product contains:	Chemical CAS#
Titanium Dioxide	13463-67-7
Hydrated magnesium silicate	14807-96-6
1,3,5-Triglycidyl Isocyanurate	2451-62-9
Aluminum Oxide	1344-28-1
Crystalline Silica	14808-60-7

SARA 313: No SARA 313 chemicals are present

CLEAN AIR ACT:

INTERNATIONAL REGULATIONS

CLASSIFICATION ACCORDING TO REGULATION (EC) No. 1272/2008 (CLP):

Eye Dam. 1 H318 Causes serious eye damage
Skin Sens. 1 H317 May cause an allergic skin reaction
Muta. 1B H340 May cause genetic defects
Carc. 2 H351 Suspected of causing cancer

STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects

NATIONAL REGULATIONS

This product contains:	Chemical CAS#
~Titanium Dioxide	13463-67-7
^Crystalline Silica	14808-60-7

National Regulations Key

~ Indicates a chemical listed by IARC as a possible carcinogen.

^ Indicates a chemical listed by IARC as carcinogenic to humans.



RDINAL SAFETY DATA SHEET

ISSUED: 8/17/2018 **REFERENCE:** BG03-T032

STATE REGULATIONS **CALIFORNIA PROPOSITION 65**

This product contains:	Chemical CAS#
*Titanium Dioxide	13463-67-7
*Hydrated magnesium silicate	14807-96-6
*Crystalline Silica	14808-60-7
*Carbon Black	1333-86-4
*2-Mercaptobenzothiazole	149-30-4

Proposition 65 Key

WARNING: This product can expose you to a chemical(s), including those listed above, which is (are) known to the State of California to cause cancer.

For more information visit WWWPROP65.CA.GOV.

WARNING: This product can expose you to a chemical(s), including those listed above, which is (are) known to the State of California to cause birth defects or other reproductive harm.

For more information visit <u>WWWPROP65.CA.GOV</u>.

WARNING: This product can expose you to a chemical(s), including those listed above, which is (are) known to the

State of California to cause cancer and birth defects or other reproductive harm.

For more information visit WWWPROP65.CA.GOV.

Massachusetts Right to Know

This product contains	Chemical CAS#
Limestone	1317-65-3
Titanium Dioxide	13463-67-7
Hydrated magnesium silicate	14807-96-6
Barium Sulfate	7727-43-7
Aluminum Oxide	1344-28-1
Crystalline Silica	14808-60-7
Amorphous Silica	112926-00-8
Carbon Black	1333-86-4
Iron Oxide	1309-37-1
Glycerol	56-81-5

Pennsylvania Right to Know

This product contains	Chemical CAS#
Limestone	1317-65-3
Titanium Dioxide	13463-67-7
Hydrated magnesium silicate	14807-96-6
Barium Sulfate	7727-43-7
Aluminum Oxide	1344-28-1
Crystalline Silica	14808-60-7
Amorphous Silica	112926-00-8
Pentaerythritol tetrakis	6683-19-8
Tris(2,4-ditert-butylphenyl) phosphite	31570-04-4
Carbon Black	1333-86-4
Iron Oxide	1309-37-1
2-Mercaptobenzothiazole	149-30-4
Amorphous Pyrogenic Silica	112945-52-5
Glycerol	56-81-5



New Jersey Right to Know

This product contains	Chemical CAS#
Limestone	1317-65-3
Titanium Dioxide	13463-67-7
Hydrated magnesium silicate	14807-96-6
1,3,5-Triglycidyl Isocyanurate	2451-62-9
Barium Sulfate	7727-43-7
Aluminum Oxide	1344-28-1
Crystalline Silica	14808-60-7
Amorphous Silica	112926-00-8
Pentaerythritol tetrakis	6683-19-8
Tris(2,4-ditert-butylphenyl) phosphite	31570-04-4
Carbon Black	1333-86-4
Iron Oxide	1309-37-1
2-Mercaptobenzothiazole	149-30-4
Amorphous Pyrogenic Silica	112945-52-5
Glycerol	56-81-5



RDINAL SAFETY DATA SHEET

ISSUED: 8/17/2018 REFERENCE: BG03-T032

16. OTHER INFORMATION

Other Product Information:

% Volatile by Volume : 0.00 % Volatile by Weight : 0.00 % Solids by volume : 100.00 % Solids by Weight : 100.00

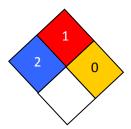
VOC CONTENT:

Content tested per EPA METHOD 24, ASTM D2369 is less than 1% Wt/Wt.

HMIS RATING

Health :	2
Flammability :	1
Reactivity:	0
Personal Protection :	Е

NFPA CODES



MANUFACTURER DISCLAIMER: The information contained in this Safety Data Sheet is considered to be true and accurate. Cardinal Paint and Powder makes no warranties, expressed or implied, as to the accuracy and adequacy of this information. This data is offered solely for the user's consideration, investigation and verification.