

T353-GR06 SILVER (40 LB BXS)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: T353-GR06 SILVER (40 LB BXS) **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 1329 Potrero Ave

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
1,3,5-Triglycidyl Isocyanurate	5% - 10%	2451-62-9
Aluminum	1% - 5%	7429-90-5

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



SAFETY DATA SHEET

ISSUED: 8/27/2018 REFERENCE: GR06-T353

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)			
USA WEEL	(WEEL) TWA	5 mg/m3	
Aluminum Oxide(1344-28-1)	Aluminum Oxide(1344-28-1)		
USA OSHA	(OEL) Table Z-1, TWA	15 mg/m3	
USA ACGIH	(TLV) TWA	1 mg/m3	
Aluminum(7429-90-5)			
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	1 mg/m3 8 hours	
OSHA PEL (Permissible Exposure Limit)	TWA (Time Weighted Average)	5 mg/m3 (Respirable Fraction) 8 hours	
NIOSH REL (Recommended Exposure Limit)	TWA (Time Weighted Average)	5 mg/m3 (Respirable Fraction) 10 hours	
Amorphous Pyrogenic Silica(112945-52-5	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	
Ethylene Glycol(107-21-1)			
ACGIH TLV (Threshold Limit Value)	ACGIH C (Ceiling)	100 mg/m3	
Silicon Dioxide(7631-86-9)			
USA NIOSH	USA NIOSH TWA (REL)	6 mg/m3	
USA OSHA	USA OSHA TWA (Table Z-3)	20 mppcf	

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	:	1.2277
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	2 030 mg/ms
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	Do attitude
Germ cell mutagenicity - AMES test - mouse - male	Positive
IARC	No company of this product process at levels greater than or equal to
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 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	No data available
exposure	No. 1-1
Aspiration hazard Additional information	No data available
Additional information	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
2-Mercaptobenzothiazole(149-30-4)	properties have not been thoroughly investigated
	_
Acute toxicity - LD50 - oral - male and	3800 mg/kg
Acute toxicity - LD50 - oral - male and femal rat	3800 mg/kg
femal rat	
femal rat Acute toxicity - LC50 - inhalation - rat	> 1270 mg/m3
femal rat	
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and	> 1270 mg/m3
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation -	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S.	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative No component of this product present at levels greater than or equal to
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative 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
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative 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
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative 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 carcinogen or potential carcinogen by ACGIH No component of this product present at levels greater than or equal to
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative 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
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative 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
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH NTP	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative 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 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 by OSHA
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH NTP OSHA Reproductive toxicity	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative 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 carcinogen or potential 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 carcinogen by OSHA No data available
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH NTP OSHA Reproductive toxicity Specific target organ toxicity - single	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative 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 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 by OSHA
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative 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 carcinogen by OSHA No data available
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative 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 carcinogen or potential 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 carcinogen by OSHA No data available
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative 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 carcinogen by OSHA No data available No data available
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative Negative 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 carcinogen by OSHA No data available No data available No data available
femal rat Acute toxicity - LC50 - inhalation - rat Acute toxicity - LD50 - dermal - male and female rabbit Skin irritation - rabbit Eye irritation - rabbit Respiratory or skin sensitisation - Buehler test - guinea pig Respiratory or skin sensitisation - Maximisation test - guinea pig Germ cell mutagenicity - Ames test - S. typhimurium Germ cell mutagenicity - male and female mouse IARC ACGIH NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard	> 1270 mg/m3 > 7940 mg/kg No skin irritation / 24 h No eye irritation / 24 h May cause allergic skin reaction May cause allergic skin reaction Negative 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 carcinogen by OSHA No data available No data available



der.	
Additional information	To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated
Aluminum Oxide(1344-28-1)	proportion nate not been thoroughly mireothytical
Acute toxicity - LD50 - oral - rat	> 10,000 mg/kg
Acute toxicity - LC50 - inhalation - rat	> 2.6 mg/L / 4 h
Acute toxicity - dermal	No data available
Skin irritation - rabbit	No skin irritation
Eye irritation - rabbit	No eye irritation
Respiratory or skin sensitisation -	DId not cause sensitisation on laboratory animals
maximisation test - guinea pig	, , , , , , , , , , , , , , , , , , , ,
Germ cell mutagenicity	No data available
Carcinogenicity	This product is or contains a component that is not classifiable as to its carcinogenicty based on its IARC, ACGIH, NTP, or EPA classification
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 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	Cough, chest pain, difficulty in breathing, gastrointestinal disturbance
Addittional information	Liver irregularities based on human evidence
Aluminum(7429-90-5)	
Likely routes of exposure - inhalation	Not available
Likely route sof exposure - skin contact	No adverse effects due to skin contact are expected.
Likely routes of exposure - eye contact	Direct eye contact with eyes may cause temporary irritation.
Likely routes of exposure - ingestion	Expected to be a low ingestion hazard.
Symptoms related to toxicological characteristics	Dusts may irritate the respiratory tract, skin and eyes.
Acute toxicity - dermal - LD50 - rat	2000 mg/kg
Acute toxicity - oral - LD50 - mouse	> 15000 mg/kg
Acute toxicity - oral - LD50 - rat	5000 mg/kg
Skin irritation	Not expected to be hazardous by OSHA criteria.
Eye irritation	Direct contact with eyes may cause temporary irritation.
Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	Not expected to be hazardous by OSHA criteria. Not expected to be hazardous by WHMIS criteria.
IARC overall evaluation of carcinogenicity	3 Not classifiable as to carcinogenicity to humans.
OSHA specifically regulated substances	Not listed.
Reproductive toxicity	Not expected to be hazardous by OSHA criteria.
Specific target organ toxicity - single exposure	Not classified
Specific target organ toxicity - repeated exposure	Not classified
Aspiration hazard	Not an aspiration hazard
Chronic effects	Not expected to be hazardous by OSHA criteria. Not expected to be hazardous by WHMIS criteria.
Further information	This product has no known adverse effects on human health.
Amorphous Pyrogenic Silica(112945-52-5)	
Acute toxicity - Inhalation	No data available
Acute toxicity - Dermal	No data available
Skin irritation	No data available
Respiratory or skin sensation	No data available
Germ cell mutagenicity - rat - lungs	Body fluid assay
Germ cell mutagenicity - rat	Unscheduled DNA synthesis
Carcinogenicity - Rat - Inhalation	Tumorigenic: Carcinogenic by RTECS criteria. Lungs, thorax, or respiration: tumors
IARC	Not classifiable as to its carcinogenicity to human



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 as 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	No data avallable
Specific target organ toxicity - repeated	No data available
exposure	Ma data available
Aspiration hazard Additional information	No data available 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
Amorphous Silica(112926-00-8)	
Acute toxicity	no data available
Acute toxicity: Inhalation	no data available
Acute toxicity: Dermal	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: IARC: Group 3:	not classifiable as to its carcinogenicity to humans
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 exposure	no data available
Specific target organ toxicity - repeated	no data available
exposure	
Aspiration hazard	no data available
Additional information	Amorphous silica is not classified as to its carcinogenicity to humans, however, crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1, IARC). Therefore, amorphous silica should be handled as if possessing the same hazards as the crystalline form. 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
Ethylene Glycol(107-21-1)	
LD50 Oral - Rat - Acute toxicity	4,700 mg/kg, Oral- Rat
Inhalation	No data available.
LD50 Dermal - Rabbit	10,626 mg/kg, Dermal - Rabbit
Skin corrosion/irritation	Skin - Rabbit Result: No skin irritation
Serious eye damage/eye irritation	Eyes - Rabbit Result: Mild eye irritation - 24 h
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	This product is or contains a component that is probably not carcinogenic based on its IARC, ACGIH, NTP, or EPA classification. IARC: No
	component of this product present at levels greater than or equal to 0.1% is identified as 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 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	Laboratory experiments have shown teratogenic effects. Overexposure may cause reproductive disorder(s) based on tests with laboratory animals.
Specific target organ toxicity - single	No data available.



Specific target organ toxicity - repeated	Oral - May cause damage to organs through prolonged or repeated exposure Kidney
Aspiration hazard	No data available.
Additional Information	RTECS: KW2975000 When ingested early symptoms mimic alcohol inebriation and are followed by nausea, vomiting, abdominal pain, weakness, muscle tenderness, respiratory failure, convulsions, cardiovascular collapse, pulmonary edema, hypocalcemic tetany, and severe metabolic acidosis. Without treatment, death may occur in 8 to 24 hours. Victims who survive the initial toxicity period usually develop renal failure along with brain and liver damage. Exposure to and/or consumption of alcohol may increase toxic effects. Central nervous system - Irregularities - Based on Human Evidence Central nervous system - Irregularities - Based on Human Evidence
D : : : : : : : (5500 10 0)	system - megularities - based on mullian Evidence
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 exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Silicon Dioxide(7631-86-9)	
Acute toxicity - inhalation	No data available
Acute toxicity - dermal	No data available
Skin irritation	No data available
Eye irritation	No data available
Respiratory or skin sensitisation	No data available
Germ cell mutagenicity	No data available
IARC	Group 3: Not classifiable as to its carcinogenicity to humans (Silicon dioxide)
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 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 (silicon dioxide)



Tris(2,4-ditert-butylphenyl) phosphite(31570)-N-4)
	,
LD50 - oral - male and female rat - Acute	> 6000 mg/kg
Toxicity	2000 m = //-
LD50 - dermal - male and female rat	> 2000 mg/kg
Skin irritation - rabbit	No skin irritation / 24 h
Eye irritation- rabbit	No eye irritation / 30 s
Respiratory or skin sensitization - guinea pig	Does not cause skin sensitization
Germ cell mutagenicity -Ames test (micronucleus test) - male and femae hamster	Negative
Carcinogenicity - oral - male and female rat	No adverse effect has been observed in chronic toxicity tests
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 carconogen by OSHA
Reproductive toxicity	Not data available
Developmental toxicity - oral - rabbit	No adverse effect has been observed in chronic toxicity tests
Specific target organ toxicity - single exposure	No data available
Specific target organ toxicity - repeated exposure	No data available
Additional information	Repeated dose toxicity - rat - male and female - oral - No observed adverse effect level - >/ 1000 mg/kg
Additional information	No adverse effect has been observed in chronic toxicity tests

12. ECOLOGICAL INFORMATION

1,3,5-Triglycidyl Isocyanurate(2451-62-9)	
Toxicity to fish - static test LC50 - danio rerio (zebra fish)	> 77 mg/l - 96 h
Toxicity to daphnia and other aquatic invertebrates - Immobilization - EC50 - daphnia magna (water flea)	> 100 mg/l - 24 h
Toxicity to algae - growth inhibition - EC50 - Desmodesmus subspicatus	29 - 30 mg/l - 72 h
Toxicity to bacteria - Respiration inhibition - IC50 - Sludge Treatment	> 100 mg/l 3 h
Persistence and degradability - biodegradability - aerobic - exposure time: 44 d	0.5 - 1% - not biodegradable
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT & vPvB	not available/not required
Other adverse effects	An environmental hazard cannot be excluded in the event of 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 invertebrates - immobilization EC50 - Daphnia magna (water flea)	0.71 mg/L / 48 h
Toxicity to algae - growth inhibition - EC50 - green algae	0.5 mg/L - 72 h
Persistence and degradability - biodegradability - biotic/aerobic	1% - not readily biodegradable - exposure time: 28 d
Bioaccumulative potential - bioaccumulation - carp	0.1 mg/L / 42 d
Bioaccumulative potential - Bioconcentration factor	< 0.8



less.	
Mobility in soil	No data available
PBT and vPvB	Not available/not required
Other adverse effects	An environmental hazard cannot be excluded in the event of
Other duverse 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.
Aluminum(7429-90-5)	
Ecotoxicity	Ecological injuries are not known or expected under normal use.
Aquatic toxicity - aluminum - LC50 - rainbow trout	0.16 mg/L / 96 h
Aquatic toxicity - silicon dioxide - IC50 - algae	440 mg/L / 72 h
Aquatic toxicity - silicon dioxide - EC50 - daphnia	7600 mg/L / 48 h
Aquatic toxicity - silicon dioxide - LC50 - fish	5000 mg/L / 96 h
Persistence and degradability	No data is available on the degradability of this product.
Bioaccumulative potential	No data available
Mobility in soil	No data available
Other adverse effects	No other adverse environmental effects (e.g. ozone depletion,
	photochemical ozone creation potential, endocrine disruption, global
	warming potential) are expected from this component.
Amorphous Pyrogenic Silica(112945-52-5)	
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
Amorphous Silica(112926-00-8)	
Toxicity	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
PBT and vPvB Ethylene Glycol(107-21-1)	not available/not required
LC50 - Oncorhynchus mykiss - toxicity to fish	18,500 mg/l - 96 h, Oncorhynchus mykiss (rainbow trout)
LC50 - Leuciscus idus	10,000 mg/l - 48 h, Leuciscus idus (Golden orfe)
NOEC - Pimephales promelas	32,000 mg/l - 7d, Pimephales promelas (fathead minnow)
NOEC - Pimephales promelas	39,140 mg/l - 96 h, Pimephales promelas (fathead minnow)
EC50 - Daphnia magna - Toxicity to	74,000 mg/l - 24 h, Daphnia magna (Water flea)
daphnia and other aquatic invertebrates	
EC50 - Daphnia magna -	24,000 mg/l - 48 h, Daphnia magna (Water flea)
LC50 - Daphnia magna -	41,000 mg/l - 48 h, Daphnia magna (Water flea)
Persistence and degradability	Ratio BOD/ThBOD 0.78 % 12.3
Bioaccumulative potential	Does not bioaccumulation. Bioaccumulation other fish - 61 d - 50 mg/l Bioconcentration factor (BCF): 0.60
Mobility in soil	No data available.
Results of PBT and vPvB assessment	PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	No data 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 -	
daphnia magna (water flea)	, , , , , , , , , , , , , , , , , , ,
Toxicity to algae - static EC50 - Scenedesmus subspicatus	> 100 mg/L / 72 h
Toxicity to bacteria - respiration inhibition IC50 - sludge treatment	> 100 mg/L / 3 h



Persistence and degradability -	5% - not biodegradable : exposure time - 28 d
biodegradability - aerobic	370 - Hot blodegradable . Exposure time - 20 d
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB	
	Not available/not required
Other adverse effects	No data available
Silicon Dioxide(7631-86-9)	
Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvP	Not available/not required
Tris(2,4-ditert-butylphenyl) phosphite(31570	0-04-4)
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	5
Toxicity to bacteria - respiration inhibition	> 100 mg/L / 3 h
IC50 - sludge treatment	3, ,
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: 8/27/2018 **REFERENCE:** GR06-T353

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#
1,3,5-Triglycidyl Isocyanurate	2451-62-9
Aluminum	7429-90-5

SARA 313: This Product Contains Aluminum Powder (CAS 7429-90-5)

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

National Regulations Key

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

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



STATE REGULATIONS **CALIFORNIA PROPOSITION 65**

This product contains:	Chemical CAS#
*2-Mercaptobenzothiazole	149-30-4
#Ethylene Glycol	107-21-1

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 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 cancer and birth defects or other reproductive harm.

For more information visit WWWPROP65.CA.GOV.

Massachusetts Right to Know

This product contains	Chemical CAS#
Aluminum	7429-90-5
Amorphous Silica	112926-00-8
Aluminum Oxide	1344-28-1
Silicon Dioxide	7631-86-9
Ethylene Glycol	107-21-1

Pennsylvania Right to Know

This product contains	Chemical CAS#
Aluminum	7429-90-5
Amorphous Silica	112926-00-8
Pentaerythritol tetrakis	6683-19-8
Tris(2,4-ditert-butylphenyl) phosphite	31570-04-4
2-Mercaptobenzothiazole	149-30-4
Aluminum Oxide	1344-28-1
Amorphous Pyrogenic Silica	112945-52-5
Silicon Dioxide	7631-86-9
Ethylene Glycol	107-21-1



New Jersey Right to Know

This product contains	Chemical CAS#
1,3,5-Triglycidyl Isocyanurate	2451-62-9
Aluminum	7429-90-5
Amorphous Silica	112926-00-8
Pentaerythritol tetrakis	6683-19-8
Tris(2,4-ditert-butylphenyl) phosphite	31570-04-4
2-Mercaptobenzothiazole	149-30-4
Aluminum Oxide	1344-28-1
Amorphous Pyrogenic Silica	112945-52-5
Silicon Dioxide	7631-86-9
Ethylene Glycol	107-21-1



RDINAL SAFETY DATA SHEET

ISSUED: 8/27/2018 **REFERENCE:** GR06-T353

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

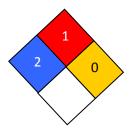
VOC CONTENT:

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.