

T075-BK211 COPPER VEIN

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: T075-BK211 COPPER VEIN **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	1% - 5%	2451-62-9	
Mica	1% - 5%	12001-26-2	
Carbon Black	0.50% - 0.99%	1333-86-4	

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.



SAFETY DATA SHEET

ISSUED: 8/23/2018 **REFERENCE:** BK211-T075

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	
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)			
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)		-	
NIOSH REL (Recommended Exposure	TWA (Time Weighted Average)	0.1mg of PAHs/cm3 10 hours	
Limit)			
E-Caprolactam(105-60-2)			
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	5mg/m3 8 hours	
USA NIOSH	USA NIOSH TWA (REL)	1 mg/m3	
USA NIOSH	USA NIOSH ST (REL)	3 mg/m3	
Iron Oxide(1309-37-1)			
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	
Mica(12001-26-2)			
ACGIH TLV (Threshold limit Value)	TWA (Time Weighted Average)	3mg/m3 (Respirable Fraction) 8	
		hours	
OSHA PEL (Permissible Exposure Limit)	Ceiling	20 mppcf	
NIOSH REL (Recommende Exposure	TWA (Time Weighted Average)	3mg/m3 (Respirable Fraction)	
Limit)			
Tin Oxide(18282-10-5)			
USA ACGIH	USA ACGIH TWA (TLV)	2 mg/m3	
USA NIOSH	USA NIOSH TWA (REL)	2 mg/m3	
USA OSHA	USA OSHA TWA (Table Z-1)	2 mg/m3	
Titanium Dioxide(13463-67-7)			
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	

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	:	1.5342
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

Acute toxicity - LD50 - oral - rat	1,3,5-Triglycidyl Isocyanurate(2451-62-9)	
Acute toxicity - LCS0 - inhalation - rat - male - 4 h Acute toxicity - LD50 - Dermal - rat - male - 8 female 8 fem		100 - 200 mg/kg
male - 4 h Actue toxicity - LDS0 - Dermal - rat- male & female Skin irritation - rabbit Eye irritation - rabbit Sever eye irritation Respiratory or skin sensation - May cause sensitization by skin contact May cause sensitization by skin sensation On data available Publication by skin contact May cause sensitization by skin		
Acute toxicity - LDS0 - Dermal - rat- male & female Sk female Skin irritation - rabbit Skin irritation - rabbit Severe eye irritation - 24 hours Severe eye irritation - Rabbit Severe eye irritation - Auximization test - guinea pig Germ cell mutagenicity Germ cell mutagenicity Germ cell mutagenicity - AMES test - S. typhimurium Germ cell mutagenicity - AMES test - S. This 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 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 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 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 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 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 Aspiration hazard Anothetoxicity No data available Acute toxicity No data available No dat		2 030 mg/ms
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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		
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Reproductive toxicity no data available Specific target organ toxicity - single no data available		
Specific target organ toxicity - single no data available	Reproductive toxicity	
	exposure	



Specific target organ toxicity - repeated	no data available
exposure	
Aspiration hazard	no data available
Additional information	
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
	Stomach - irregularities - based on numan evidence
Barium Sulfate(7727-43-7)	T.,
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 - mouse -	No reported data
	No reported data
micronucleus test	
Carcinogenicity - rat - intrapleural -	Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or
tumorigenic	Respiration: Tumors
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
ACGITI	
	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	No data available
	No determination
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
	Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or
Carcinogenicity - Rat - Inhalation	
	Respiration: Tumors. This product is or contains a component that has
	been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP,
	or EPA classification. Limited evidence of carcinogenicity in animal studies.
IARC	2B - Group 2B: Possibly carcinogenic to humans (carbon black)
NTP	No component of this product present at levels greater than or equal
	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
OSIA	
Department to 199	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.
E-Caprolactam(105-60-2)	<u> </u>
Acute toxicity - LD50 - oral - rat	1210 mg/kg
Remarks	Sense organs and special senses (nose, eye, ear and taste): Eye:
	Chromodacryorrhea
Behavioral	Convulsions or effect on seizure threshold.
Nutritional and Gross Metabolic - changes	Decrease
in body temperature	bedease
Acute toxicity - LC50 - inhalation - rat	300 mg/m3
Acute toxicity - LC50 - inhalation - mouse	450 mg/m3: Muscle contraction or spasticity
	> 2000 mg/kg
Acute toxicity - LD50 - dermal - rat	
Skin irritation - rabbit	Mild skin irritation - 24 h
Eye irritation - rabbit	Moderate eye irritation - 24 h
Respiration or skin sensitization - 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	Group 4: Probably not carcinogenic 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
331111	0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single	May cause respiratory irritation
exposure	Hay cause respiratory irritation
Specific target organ toxicity - repeated	No data available
	No data available
exposure	No data available
Aspiration hazard	
Additional information	Convulsions, To the best of our knowledge, the chemical, physical, and
A Little of Lands	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
Acute toxicity - dermal	`No data available
Acute toxicity - dermal Skin irritation - human	`No data available Skin irritation
Acute toxicity - dermal Skin irritation - human Eye irritation - human	`No data available Skin irritation Moderate eye irritation
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization	`No data available Skin irritation Moderate eye irritation No data available
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity	`No data available Skin irritation Moderate eye irritation No data available No data available
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide).
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. No component of this product present at levels greater than or equal to
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by OSHA.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. No component of this product present at levels greater than or equal to 0.1% is identified as carcinogen or potential carcinogen by OSHA.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available inhalation - may cause respiratory irritation.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available inhalation - may cause respiratory irritation.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available inhalation - may cause respiratory irritation.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure	`No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available inhalation - may cause respiratory irritation.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard	No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of application. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available inhalation - may cause respiratory irritation. No data available 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.
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Mica(12001-26-2) Routes of entry	No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available inhalation - may cause respiratory irritation. No data available 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. Inhalation, ingestion
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Mica(12001-26-2) Routes of entry Toxicity to animals - LD50	No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available inhalation - may cause respiratory irritation. No data available 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. Inhalation, ingestion Not available
Acute toxicity - dermal Skin irritation - human Eye irritation - human Respiratory or skin sensitization Germ cell mutagenicity Carcinogenicity - rat - subcutaneous Carcinogenicity IARC NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information Mica(12001-26-2) Routes of entry	No data available Skin irritation Moderate eye irritation No data available No data available Equivocal tumorogenic agent by RTECS criteria. Tumors at site of appilcation. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP or EPA classification. Group 3: not classifiable as to its carcinogenicity to humans (diiron trioxide). 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. 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. No data available inhalation - may cause respiratory irritation. No data available 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. Inhalation, ingestion



1	
Other toxic effects on humans	Hazaroud on case of ingestion, of inhalation. Slightly hazardous in case of
	skin contact (irritant).
Special remarks on the toxicity to animals	Not available
Special remarks on the chronic effects on	Not available
humans	
Special remarks on other toxic effects on	Nuisance dust.
humans	
Pentaerythritol tetrakis(6683-19-8)	
Acute toxicity - LD50 - oral - male rat	> 5000 mg/kg
Acute toxicity - LC50 - inahalation - male	> 1.95 mg/l / 4h
and female rat	7 1.55 mg/1/ +m
Acute toxicity - LD50 - dermal - male and	> 3160 mg/kg
female rabbit	> 5100 mg/kg
Acute toxicity - LD50 - intraperitoneal - rat	> 1000 mg/kg
	> 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
pig	
Germ cell mutagenicity - Ames test - S.	Negative
typhimurium	
Mutagenicity - micronucleus test - male	Negative
and female hamster	
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	No data avallable
Specific target organ toxicity - repeated	No data available
exposure	No data available
Aspiration hazard	No data available
Phthalocyanine Blue(147-14-8)	ino data available
Asuta taxistic LDEO and male and	2000
Acute toxicty - LD50 - oral - male and	> 2000 mg/kg
female rat	Maria and 2011
Acute toxicity - Inhalation	No data available
Acute toxicity - dermal - male and female	> 5000 mg/kg
rat	
Skin irritation - rabbit	No skin irritation - 4h
Eye irritation - rabbit	No eye irritation - 24 h
Respiration or skin sensitization -	Does not cause skin sensitisation
maximisation test - guinea pig	
Germ cell mutagenicity - hamster -	Negative
fibroblast	
Germ cell mutagenicity - Ames test - S.	Negative
typhimurium	
Germ cell mutagenicity - male and female	Negative
mouse	
Germ cell mutagenicity	Mutation in mammalian somatic cells
IARC	No component of this product present at levels greater than or equal to
2	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
ACGIT	0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	No component of this product pressent at levels greater than or equal to
INIF	
OCHA	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
Danua di jatina kandatan	
Reproductive toxicity	No data available
Reproductive toxicity Specific target organ toxicity - single exposure	No data available No data available



Specific target organ toxicity - repeated	No data available
exposure Aspiration hazard	No data available
Additional information	
	Repeated dose toxicity - male and female rat - oral - no observed adverse effect level - 1000 mg/kg
Tin Oxide(18282-10-5)	
Acute toxicity - LD50 - oral - rat	> 20,000 mg/kg
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 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 presesnt at levels greater than or equal to
OSHA	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.
Reproductrive toxicty	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 Additional information continued Titanium Dioxide(13463-67-7) Acute toxicity - LD50 - oral - rat Acute toxicity - Inhalation Acute toxicity - LD50 - dermal - rabbit Skin irritation - human	Inorganic tin salts are poorly absorbed into the body. When parenterally administered tin salts are highly toxic. Tin oxide inhaled as a dust or fume leads to a benign pneumoconiosis with no sign of interference with pulmonary function. Deposited dust appears nodular with the particles bing mostly extracellular. No necrosis, foreign-body giant-cell reaction, or collagen formation has been seen. Tin salts that have gained access to the blood stream are highly toxic and produce neurologic damage and paralysis. With most common tin salts, the toxicity profile is complicated by hydrolysis in body fluids producing unphysiological pH values. The reported symptoms of hyperemia, vascular changes with bleeding in the central nervous system, liver, heart, and other organs may be due to tin itself or the unphysiological pH changes. Ingestion produces vomiting due to the gastric irritation from the activity and astringency of tin compounds. Ingestion of inorganic tin salts produces diarrhea, muscle paralysis, and twitching. Stomach irregularities based on human evidence. > 10000 mg/kg No data available > 10000 mg/kg Mild skin irritation - 3 h
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 - micronucleus test	No results available
Germ cell mutagenicity - hamster - lungs	DNA inhibition
Germ cell mutagenicity - namster - ovary - sister chromatid exchange	No results available
Germ cell mutagenicity - mouse - micronucleus test	No results 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
	l by IARC
NTP	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
NTP OSHA	



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	To the best of our knowledge, the chemical, physical, and toxicological
	properties have not been thoroughly investigated
Tris(2,4-ditert-butylphenyl) phosphite(31570)-04-4)
LD50 - oral - male and female rat - Acute	> 6000 mg/kg
Toxicity	
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	Does not cause skin sensitization
pig	
Germ cell mutagenicity -Ames test	Negative
(micronucleus test) - male and femae	
hamster Carcinogenicity - oral - male and female	No adverse effect has been absented in absente toxisity toots
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
IARC	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	No data available
exposure	
Specific target organ toxicity - repeated	No data available
exposure	
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	> 77 mg/l - 96 h
rerio (zebra fish)	
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	> 100 mg/l 3 h
- IC50 - Sludge Treatment	
Persistence and degradability -	0.5 - 1% - not biodegradable
biodegradability - aerobic - exposure time:	
44 d	Also I de la constituit
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
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	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 invertebrates	Daphnia magna (Water flea) > 5600 mg/l - 24 h (OECD Test Guideline 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
E-Caprolactam(105-60-2)	
Toxicity to daphnia and other aquatic invertebrates - EC50 - Daphnia magna (water flea)	828 - 2920 mg/l - 48 h
Toxicity to algae - EC50 - green algae	4320 - 4800 mg/l - 72 h
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.
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
Mica(12001-26-2)	
Ecotoxicity	Not available
BOD5 and COD	Not available
Products of biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the products of biodegradation	THe products of degradation are as toxic as the original product
Special remarks on the products of biodegradation	Not available
Pentaerythritol tetrakis(6683-19-8)	
	> 100 mg/L / 96 h
Toxicity to daphnia and other aquatic	> 86 mg/L / 24 h
invertebrates - immobilization EC50 -	
daphnia magna (water flea)	> 100 mg/L / 72 h
Toxicity to algae - static EC50 -	> 100 mg/L / 72 h
Scenedesmus subspicatus Toxicity to bacteria - respiration inhibition	> 100 mg/L / 3 h
IC50 - sludge treatment	/ 100 HIG/L / J II
Persistence and degradability -	5% - not biodegradable : exposure time - 28 d
biodegradability - aerobic	370 Hot biouegradable . exposure tille = 20 ti
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB	Not available Not available/not required
Other adverse effects	No data available
Phthalocyanine Blue(147-14-8)	ו ואט עמנמ מאמוומטוכ
Toxicity to fish - mortality LC50 - zebra fish	> 100 mg/L / 96 h
	> 100 mg/L / 96 h > 100 mg/L / 96 h
Toxicity to fish - mortality LC50 - carp	
Toxicity to daphnia and other aquatic	> 500 mg/L / 48 h
invertebrates - immobilization EC50 -	
Daphnia magna (water flea)	> 100 mg/L / 72 h
Toxicity to algae - static EC50 - green algae	> 100 mg/L / 72 h
Toxicity to bacteria - respiration inhibition - EC50 - sludge treatment	> 10000 mg/L / 3h



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
Tin Oxide(18282-10-5)	
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
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 - EC0 - 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(3157)	
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.

SAFETY DATA SHEET

ISSUED: 8/23/2018 **REFERENCE:** BK211-T075

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: 8/23/2018 **REFERENCE:** BK211-T075

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
Mica	12001-26-2
Carbon Black	1333-86-4

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#
~Carbon Black	1333-86-4

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: 8/23/2018 **REFERENCE:** BK211-T075

STATE REGULATIONS **CALIFORNIA PROPOSITION 65**

This product contains:	Chemical CAS#
*Carbon Black	1333-86-4
*Titanium Dioxide	13463-67-7

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#
Barium Sulfate	7727-43-7
Mica	12001-26-2
Carbon Black	1333-86-4
Iron Oxide	1309-37-1
E-Caprolactam	105-60-2
Titanium Dioxide	13463-67-7
Amorphous Silica	112926-00-8
Tin Oxide	18282-10-5

Pennsylvania Right to Know

This product contains	Chemical CAS#
Barium Sulfate	7727-43-7
Mica	12001-26-2
Carbon Black	1333-86-4
Iron Oxide	1309-37-1
E-Caprolactam	105-60-2
Pentaerythritol tetrakis	6683-19-8
Tris(2,4-ditert-butylphenyl) phosphite	31570-04-4
Titanium Dioxide	13463-67-7
Amorphous Silica	112926-00-8
Tin Oxide	18282-10-5



New Jersey Right to Know

This product contains	Chemical CAS#
Barium Sulfate	7727-43-7
1,3,5-Triglycidyl Isocyanurate	2451-62-9
Mica	12001-26-2
Carbon Black	1333-86-4
Iron Oxide	1309-37-1
E-Caprolactam	105-60-2
Pentaerythritol tetrakis	6683-19-8
Phthalocyanine Blue	147-14-8
Tris(2,4-ditert-butylphenyl) phosphite	31570-04-4
Titanium Dioxide	13463-67-7
Amorphous Silica	112926-00-8
Tin Oxide	18282-10-5



RDINAL SAFETY DATA SHEET

ISSUED: 8/23/2018 **REFERENCE:** BK211-T075

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

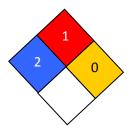
VOC CONTENT:

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



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