

T013-BK62 BLACK

#### **1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME:	T013-BK62 BLACK
PRODUCT USE:	Industrial Powder Coating

#### MANUFACTURER

Cardinal Paint and Powder 1329 Potrero Ave S. El Monte, CA, 91733 626 444-9274

#### 24 HR. EMERGENCY TELEPHONE NUMBER

CHEMTREC (US Transportation): (800)424-9300 CHEMTREC (International Transportation): (202)483-7616 WEB: WWW.CARDINALPAINT.COM

#### 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	
Carbon Black	1% - 5%	1333-86-4	
Crystalline Silica	0.10% - 0.05%	14808-60-7	

#### **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.



**ISSUED:** 8/16/2018 **REFERENCE:** BK62-T013

**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	9)		
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	0.05 mg/m3 8 hours	
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 Limit)	TWA (Time Weighted Average)	3.5 mg/m3 8 hours	
NIOSH REL (Recommended Exposure Limit )	TWA (Time Weighted Average)	0.1mg of PAHs/cm3 10 hours	
Crystalline Silica(14808-60-7)			
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	0.025 mg/m3 8 hours	
Glycerol(56-81-5)	Glycerol(56-81-5)		
USA ACGIH	USA ACGIH TWA (TLV)	10 mg/m3	
USA OSHA	USA OSHA TWA (OEL) Table Z-1	15 mg/m3	
Limestone(1317-65-3)			
ACGIH	Not Applicable	Not Applicable	
OSHA PEL (Permissible Exposure Limit)	TWA (Time Weighted Average)	15 mg/m3 (Total Dust) 8 hours	
OSHA PEL (Permissible Exposure Limit	TWA (Time Weighted Average)	5 mg/m3 (Respirable Fraction) 8 hours	
NIOSH REL (Recommende Exposure LImit)	TWA (Time Weighted Average)	15 mg/m3 (Total Dust) 8 hour	
NIOSH REL (Recommende Exposure LImit)	TWA (Time Weighted Average)	5 mg/m3 (Respirable Fraction) 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

Dhysical state	Τ.	Calid
Physical state		Solid
Melting point	:	55 - 90 deg C
Flash point	:	No data available.
Lower explosion limit	:	10 g/m <sup>3</sup>
Upper explosion limit	:	70 g/m <sup>3</sup>
Density	:	1.6867
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 - male - 4 h	> 650 mg/m3
Acute toxicity - LD50 - Dermal - rat- male & female	> 2000 mg/kg
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. typhimurium	Positive
Germ cell mutagenicity - AMES test - mouse - male	Positive
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 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
Barium Sulfate(7727-43-7)	1
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 - micronucleus test	No reported data
Carcinogenicity - rat - intrapleural - tumorigenic	Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or
	Respiration: Tumors
IARC	No component of this product present at levels greater than or equal to
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinoger 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
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ACGIH NTP OSHA Reproductive toxicity Specific target organ toxicity - single	<ul> <li>No component of this product present at levels greater than or equal to 0.1% is identified as a probable, possible, or confirmed human carcinoger by IARC</li> <li>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</li> <li>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</li> <li>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</li> </ul>
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ACGIH NTP OSHA Reproductive toxicity Specific target organ toxicity - single exposure Specific target organ toxicity - repeated exposure Aspiration hazard Additional information	No component of this product present at levels greater than or equal to         0.1% is identified as a probable, possible, or confirmed human carcinoger 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 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 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 NTP         No data available         No data available         No data available         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.
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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
Respiratory/skin sensitization – Guinea pig	406)
Germ cell mutagenicity	Ames test, S. typhimurium, negative
Hamster - Ovary	Negative
DNA repair - Rat - Female	Negative
Carcinogenicity - Rat - Inhalation	Tumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, or
	Respiration: Tumors. This product is or contains a component that has
	been reported to be possibly carcinogenic based on its IARC, ACGIH, NTP,
	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
00114	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
Demueductive terrisity	identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Organ toxicity Organ toxicity	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	RTECS: FF5800000 To the best of our knowledge, the chemical , physical,
	and toxicological properties have not been throughly investigated.
Crystalline Silica(14808-60-7)	
Acute Inhalation toxicity	no data available
Acute Dermal toxicity	no data available
Skin irritation	no data available
eye irritation	no data available
Respiratory or skin sensation	no data available
Germ cell mutagenicity	no data available
Carcinogenicity	Limited evidence of carcinogenicity in human studies
IARC	Group 1: Carcinogenic to humans (Quartz)
ACGIH	No component of this product present at levels greater than or equal to
	0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	Known to be human carcinogen (Quartz)
OSHA	No component of this product present at levels greater than or equal to
Description in the second seco	0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	no data available no data available
Specific target organ toxicity - single exposure	
Specific target organ toxicity - repeated	may cause damage to organs through prolonged or repeated exposure
exposure - inhalation	
Aspiration hazard	no data available
Additional information	Prolonged inhalation of crystalline silica may result in silicosis, a disabling
	pulmonary fibrosis characterized by fibrotic changes and miliary nodules
	in the lungs, a dry cough, shortness of breath, emphysema, decreased
	chest expansion, and increased susceptibility to tuberculosis. In advanced
	stage, loss of appetite, pleuric pain, and total incapacity to work.
	Advanced silicosis may result in death due to cardiac failure or destruction
	of lung tissue. Crystalline silica is classified as group 1 "known to be
	carcinogenic to humans" by IARC and "sufficient evidence" of
	carcinogenicity by the NTP., The chronic health risks are associated with respirable particles of 3-4 um over protracted periods of time. Currently,
	there is a limited understanding of the mechanisms of quartz toxicity,
	including its mechanisms for lung carcinogenicity. Additional studies are
	needed to determine whether the cell transforming activity of quartz is
	related to its carcinogenic potential.
Additional information	Liver - Irregularities - based on human evidence
Glycerol(56-81-5)	
Acute toxicity - LD50 - oral - rat	12,600 mg/kg
Acute toxicity - inhalation	No data available
Acute toxicity - LD50 - dermal - rabbit	> 10,000 mg/kg
Skin irritation - rabbit	Mild skin irritation / 24 h
Eye irritation - rabbit	Mild eye irritation / 24 h
Respiratory or skin sensitization	No data available
Germ cell mutagenicity	No data available

# CARDINAL SAFETY DATA SHEET

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by IARCACGIHNo component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIHNTPNo component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogenOSHANo component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHAReproductive toxicityNo data availableSpecific target organ toxicity - single exposureNo data availableSpecific target organ toxicity - repeated exposureNo data availableAdditional informationProlonged or repeated exposure may cause: nausea headache, vomitting porperties have not been thoroughly investigated.Additional informationKidney irregularities based on human evidenceLimestone(1317-65-3)Fost ug/24H severeDraize test, rabbit, eye750 ug/24H severeDraize test, rabbit, skin500 mg/24H moderateOral, rat: LD506450 mg/kgACGIH, IARC, NTP, CA Prop 65Not listedReproductive effectsNo information availableMutagenicityNo information available	IARC	
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Mutagenicity No information available	Reproductive effects	No information available
	Mutagenicity	No information available
	Neurotoxicity	No information available

# **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 - Desmodesmus subspicatus       > 100 mg/l 3 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         Mobility in soil       No data available         Mobility in soil       No data available         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         Barium Sulfate(7727-43-7)       No data available         Persistence and degradability Persistence and degradability       No data available         Mobility in soil       No data available         Mobility in soil       No data available         Persistence and degradability       The methods for determining biodegradability are not applicable in inorqanic substances         Bioaccumulative potential       No data available       No data available <td< th=""><th></th><th></th></td<>		
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inorganic substancesBioaccumulative potentialNo data availableMobility in soilNo data availablePBT and vPvBnot available/not requiredCarbon Black(1333-86-4)Danio rerio (zebra fish) >1000 mg/l - 96 hEC50 Toxicity to fish LC50Danio rerio (zebra fish) >1000 mg/l - 96 hEC50 Toxicity to daphnia and other aquatic invertebratesDaphnia magna (Water flea) > 5600 mg/l - 24 h (OECD Test Guideline 202)EC50 Toxicity to algaeDesmodesmus subspicatus (green algae > 10,000 mg/l - 72 h (OECD Test Guideline 201)Persistence and degradabilityNo data available	Toxicity	No data available
Bioaccumulative potentialNo data availableMobility in soilNo data availablePBT and vPvBnot available/not requiredCarbon Black(1333-86-4)Danio rerio (zebra fish) >1000 mg/l - 96 hEC50 Toxicity to fish LC50Danio rerio (zebra fish) >1000 mg/l - 96 hEC50 Toxicity to daphnia and other aquatic invertebratesDaphnia magna (Water flea) > 5600 mg/l - 24 h (OECD Test Guideline 202)EC50 Toxicity to algaeDesmodesmus subspicatus (green algae > 10,000 mg/l - 72 h (OECD Test Guideline 201)Persistence and degradabilityNo data available	Persistence and degradability	The methods for determining biodegradability are not applicable in
Mobility in soil       No data available         PBT and vPvB       not available/not required         Carbon Black(1333-86-4)       Danio rerio (zebra fish) >1000 mg/l - 96 h         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		inorganic substances
PBT and vPvB       not available/not required         Carbon Black(1333-86-4)       Danio rerio (zebra fish) >1000 mg/l - 96 h         EC50 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
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		No data available
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	PBT and vPvB	not available/not required
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	Carbon Black(1333-86-4)	
invertebrates     202)       EC50 Toxicity to algae     Desmodesmus subspicatus (green algae > 10,000 mg/l - 72 h (OECD Test Guideline 201)       Persistence and degradability     No data available	Toxicity to fish LC50	
EC50 Toxicity to algae       Desmodesmus subspicatus (green algae > 10,000 mg/l - 72 h (OECD Test Guideline 201)         Persistence and degradability       No data available	EC50 Toxicity to daphnia and other aquatic	Daphnia magna (Water flea) > 5600 mg/l - 24 h (OECD Test Guideline
Guideline 201)       Persistence and degradability       No data available	invertebrates	202)
Persistence and degradability No data available	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	Bioaccumulative potential	No data available



CARDINAL SAFETY DATA SHEET

Mobility in soil	No data available
PBT and vPvB assessment	Not available/not required
Crystalline Silica(14808-60-7)	
Toxicity	no data available
Persistence and degradability	no data available
Bioaccumulative potential	no data available
Mobility in soil	no data available
PBT and vPvB	not available/not required
Glycerol(56-81-5)	
Toxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
PBT and vPvB	Not available/not required
Other adverse effects	No data available
Limestone(1317-65-3)	
Ecotoxicity	No data available
Environmental	No information reported
Physical	No information available

### **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.



#### **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
Carbon Black	1333-86-4
Crystalline Silica	14808-60-7

SARA 313 : No SARA 313 chemicals are present

#### CLEAN AIR ACT :

#### INTERNATIONAL REGULATIONS

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

Eye Dam. 1		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
^Crystalline Silica	14808-60-7

#### National Regulations Key

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

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



#### STATE REGULATIONS CALIFORNIA PROPOSITION 65

This product contains:	Chemical CAS#
*Carbon Black	1333-86-4
*Crystalline Silica	14808-60-7

#### Proposition 65 Key

*		WARNING:	This product can expose you to a chemical(s), including those listed above, which is (are) known to the
	<u> </u>		State of California to cause cancer.
			For more information visit <u>WWWPROP65.CA.GOV</u> .

**#** WARNING: This product can expose you to a chemical(s), including those listed above, which is (are) known to the State of California to cause 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 <u>WWWPROP65.CA.GOV</u>.

#### Massachusetts Right to Know

This product contains	Chemical CAS#
Limestone	1317-65-3
Barium Sulfate	7727-43-7
Carbon Black	1333-86-4
Crystalline Silica	14808-60-7
Glycerol	56-81-5

#### Pennsylvania Right to Know

This product contains	Chemical CAS#
Limestone	1317-65-3
Barium Sulfate	7727-43-7
Carbon Black	1333-86-4
Crystalline Silica	14808-60-7
Butyltriphenylphoshonium Chloride	13371-17-0
Glycerol	56-81-5

#### New Jersey Right to Know

This product contains	Chemical CAS#
Limestone	1317-65-3
Barium Sulfate	7727-43-7
1,3,5-Triglycidyl Isocyanurate	2451-62-9
Carbon Black	1333-86-4
Crystalline Silica	14808-60-7
Butyltriphenylphoshonium Chloride	13371-17-0
Glycerol	56-81-5



**RDINAL** SAFETY DATA SHEET

## **16. OTHER INFORMATION**

# **Other Product Information:**

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

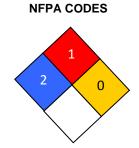
% Volatile by Weight : 0.00 % Solids by Weight : 100.00

# **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 :	E



**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.