

E311-BK04 BLACK

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:	E311-BK04 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 : WARNING

HAZARD STATEMENTS :

- H351 Suspected of causing cancer.
- H372 Causes damage to organs through prolonged or repeated exposure.
- H317 May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS:

P201 Obtain special instructions before use.

- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe dust.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number	
Carbon Black	1% - 5%	1333-86-4	
Crystalline Silica	0.10% - 0.50%	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.

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.

SAFETY DATA SHEET



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

INHALATION : Allow victim to breathe fresh air. Allow victim to rest. Remove to fresh air and keep at rest in a position comfortable to breath. 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

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)				
Crystalline Silica(14808-60-7)				
ACGIH TLV (Threshold Limit Value)	TWA (Time Weighted Average)	0.025 mg/m3 8 hours		
Limestone(1317-65-3)	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		
NIOSH REL (Recommende Exposure	TWA (Time Weighted Average)	hours 15 mg/m3 (Total Dust) 8 hour		
LImit)	TWA (Time weighted Average)			
NIOSH REL (Recommende Exposure	TWA (Time Weighted Average)	5 mg/m3 (Respirable Fraction) 8		
LImit)		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	:	1.5481
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 : Strong acids. Strong bases.

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



11. TOXICOLOGICAL INFORMATION

Barium Sulfate(7727-43-7)	
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
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 0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	No data available
Specific target organ toxicity - single	No data available
exposure	
Specific target organ toxicity - repeated exposure	No data available
Aspiration hazard	No data available
Additional information	Prolonged inhalation of dust may cause baritosis, a benign
	pneumoconiosis. If ingested, the presence of soluble barium salts as
	impurities may cause toxic reactions due to bioaccumulation., Damage to
	the lungs., To the best of our knowledge, the chemical, physical, and
	toxicological properties have not been thoroughly investigated.
Additional information	Stomach irregularities - based on human evidence
Carbon Black(1333-86-4)	
LD50 Oral - Rat	> 8,000 mg/kg, male and female, (OECD Test Guideline 401)
LD50 Inhalation - Rat	No data available
LD50 Dermal - Rabbit	> 3,000 mg/kg
Skin corrosion/irritation	No skin irritation - 24 h, (OECD Test Guideline 404)
Eye damage/irritation - Rabbit	No eye irritation, (OECD Test Guideline 405)
Respiratory/skin sensitization - Guinea pig	Did not cause sensitization on laboratory animals, (OECD Test Guideline 406)
Germ cell mutagenicity	Ames test, S. typhimurium, negative
Hamster - Ovary	Negative
DNA repair - Rat - Female	
	Negative
Carcinogenicity - Rat - Inhalation	Negative 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.
Carcinogenicity - Rat - Inhalation IARC	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black)
Carcinogenicity - Rat - Inhalation IARC NTP	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP
Carcinogenicity - Rat - Inhalation IARC NTP OSHA	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available Specific target organ toxicity - single exposure: No data available
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity Organ toxicity	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available Specific target organ toxicity - single exposure: No data available Specific target organ toxicity - repeated exposure: No data available
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity Organ toxicity Aspiration hazard	NegativeTumorigenic: Carcinogenic by RTECS criteria. Lungs, Thorax, orRespiration: Tumors. This product is or contains a component that hasbeen reported to be possibly carcinogenic based on its IARC, ACGIH, NTP,or EPA classification. Limited evidence of carcinogenicity in animal studies.2B - Group 2B: Possibly carcinogenic to humans (carbon black)No component of this product present at levels greater than or equalto0.1% is identified as a known or anticipated carcinogen by NTPNo component of this product present at levels greater than 0.1% isidentified as a carcinogen or potential carcinogen by OSHANo data availableSpecific target organ toxicity - single exposure: No data availableNo data availableNo data available
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity Organ toxicity	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available Specific target organ toxicity - single exposure: No data available Specific target organ toxicity - repeated exposure: No data available
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity Organ toxicity Aspiration hazard Additional Information	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available Specific target organ toxicity - single exposure: No data available Specific target organ toxicity - repeated exposure: No data available No data available RTECS: FF5800000 To the best of our knowledge, the chemical , physical,
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity Organ toxicity Aspiration hazard	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available Specific target organ toxicity - single exposure: No data available Specific target organ toxicity - repeated exposure: No data available No data available RTECS: FF5800000 To the best of our knowledge, the chemical , physical,
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity Organ toxicity Organ toxicity Aspiration hazard Additional Information Crystalline Silica(14808-60-7)	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available Specific target organ toxicity - single exposure: No data available Specific target organ toxicity - repeated exposure: No data available No data available RTECS: FF5800000 To the best of our knowledge, the chemical , physical, and toxicological properties have not been throughly investigated.
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity Organ toxicity Organ toxicity Aspiration hazard Additional Information Crystalline Silica(14808-60-7) Acute Inhalation toxicity	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available Specific target organ toxicity - single exposure: No data available Specific target organ toxicity - repeated exposure: No data available No data available RTECS: FF5800000 To the best of our knowledge, the chemical , physical, and toxicological properties have not been throughly investigated.
Carcinogenicity - Rat - Inhalation IARC NTP OSHA Reproductive toxicity Organ toxicity Organ toxicity Organ toxicity Aspiration hazard Additional Information Crystalline Silica(14808-60-7) Acute Inhalation toxicity Acute Dermal toxicity	Negative 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. 2B - Group 2B: Possibly carcinogenic to humans (carbon black) No component of this product present at levels greater than or equal to0.1% is identified as a known or anticipated carcinogen by NTP No component of this product present at levels greater than 0.1% is identified as a carcinogen or potential carcinogen by OSHA No data available Specific target organ toxicity - single exposure: No data available Specific target organ toxicity - repeated exposure: No data available No data available RTECS: FF5800000 To the best of our knowledge, the chemical , physical, and toxicological properties have not been throughly investigated. no data available no data available

CARDINAL SAFETY DATA SHEET

ISSUED: 8/14/2018 **REFERENCE:** BK04-E311

Germ cell mutagenicity	no data available
Carcinogenicity	Limited evidence of carcinogenicity in human studies
IARC	Group 1: Carcinogenic to humans (Quartz)
ACGIH	No component of this product present at levels greater than or equal to
	0.1% is identified as a carcinogen or potential carcinogen by ACGIH
NTP	Known to be human carcinogen (Quartz)
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA
Reproductive toxicity	no data available
Specific target organ toxicity - single exposure	no data available
Specific target organ toxicity - repeated exposure - inhalation	may cause damage to organs through prolonged or repeated exposure
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
Limestone(1317-65-3)	
Draize test, rabbit, eye	750 ug/24H severe
Draize test, rabbit, skin	500 mg/24H moderate
Oral, rat: LD50	6450 mg/kg
ACGIH, IARC, NTP, CA Prop 65	Not listed
Epidemiology	No information available
Teratogenicity	No information available
Reproductive effects	No information available
Mutagenicity	No information available
Neurotoxicity	No information available

12. ECOLOGICAL INFORMATION

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	
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	
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#
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) :

Carc. 2 H351 Suspected of causing cancer STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure

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 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

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

New Jersey 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	



RDINAL SAFETY DATA SHEET

16. OTHER INFORMATION

Other Product Information:

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

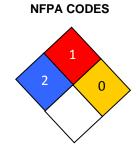
% Volatile by Weight : 0.00 % Solids by Weight : 100.00

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.