

# SAFETY DATA SHEET

Date Revised: 11/01/2017

===== SECTION 1 - IDENTIFICATION =====

MANUFACTURER: DiamoPro Systems, Inc. EMERGENCY PHONE: 1-800-424-9300  
ADDRESS : 325 W. Front Street INFORMATION PHONE: 1-800-622-2048  
Erie, PA 16507 NAME OF PREPARER: Safety Director

PRODUCT NAME: DiamoPro Line Striping, SAFETY RED  
PRODUCT CODE: DPLS-Red

===== SECTION 2 - HAZARDS IDENTIFICATION =====

HAZARD RISK CLASSIFICATION  
SIGNAL WORD: DANGER  
PICTOGRAM:  
GHS08 – HEALTH HAZARD

HAZARD CLASS HAZARD CATEGORY  
CARCINOGENICITY CATEGORY 1 (BOTH 1A AND 1B)  
TOXIC TO SPECIFIC TARGET ORGAN CATEGORY 1  
TOXICITY - SINGLE EXPOSURE

HAZARD STATEMENTS:  
H303 May be harmful if swallowed  
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H350-1 May cause cancer by inhalation

PRECAUTIONARY STATEMENTS:  
PREVENTION:  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
P260 Do not breath dust/fume/gas/mist/vapors or spray.  
P270 Do not eat, drink or smoke while using this product.  
P280 Wear protective impervious gloves/OSHA approved eye protection/face protection.

RESPONSE:  
P301+P312 If swallowed: Immediately call a Poison Center / doctor if you feel unwell.  
P301 + P313 If exposed or concerned: Get medical advice/attention.  
P330 Rinse mouth.

STORAGE:  
P402 Store in dry place.

DISPOSAL:  
P501 Store separately. Dispose of contents/ container in accordance with local/ regional/national /international regulations.

===== SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS =====

COMPONENT	WEIGHT CAS NUMBER	EXPOSURE LIMITS		
		PERCENT	OSHA PEL	ACGIH TLV OTHER
#* Microcrystalline Silica (Quartz)	14808-60-7	10.3	10 mg/m3	0.05 mg/m3
Pigment Red 170	2786-76-7	1-10	10 mg/m3	10 mg/m3

\*Chemical(s) that are chronic health hazards. Refer to Section 3 for further information.

PRIMARY ROUTES OF EXPOSURE:  
Skin contact.  
EFFECTS OF ACUTE EXPOSURE:  
EYES: Direct contact with eyes may cause irritation.  
SKIN: Prolonged or repeated contact may cause irritation. Inhalation: Inhalation of vapor or mist can cause irritation of nose, throat and lead to headaches and nausea.  
INGESTION: Not an anticipated route of exposure. Small amounts are not expected to be harmful.

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## CHRONIC HEALTH EFFECTS:

Although some components may indicate chronic exposure effects, no effects are anticipated under normal use conditions due to relatively low portion in the total mixture.

## MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No known effects on other illnesses.

## ===== SECTION 4 - FIRST AID MEASURES =====

**SKIN CONTACT:** Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

**EYES:** Flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally. If symptoms persist, seek medical attention.

**INGESTION:** If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

**INHALATION:** Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

## ===== SECTION 5 - FIRE AND EXPLOSION HAZARD DATA =====

**FLASH POINT:** No Flash

**METHOD USED:** N/A

**FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:** N/A

**UPPER:** N/A

### EXTINGUISHING MEDIA:

This material will not burn in its liquid state unless heated above its flash point. Dried films may burn and can be extinguished by water spray, foam, dry chemical or carbon dioxide.

### SPECIAL FIREFIGHTING PROCEDURES:

Persons exposed to products of combustion should wear self-contained breathing apparatus and full protective equipment. Isolate danger area, keep unauthorized personnel out.

### UNUSUAL FIRE AND EXPLOSION HAZARDS:

There is a possibility of pressure buildup in closed containers when heated. Water spray may be used to cool these containers.

## ===== SECTION 6 - ACCIDENTAL RELEASE MEASURES =====

### STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Do not let uncured spilled or leaking material enter watercourse. May be toxic to aquatic life. Absorb with oil-dri or similar inert material. Sweep or scrape up and containerize. Rinse affected area thoroughly with water. Wear appropriate protective equipment.

## ===== SECTION 7 - HANDLING AND STORAGE =====

### HANDLING INFORMATION:

Employees who come in contact with this material must be trained in accordance to 1910.1200 of the Hazard Communication Standard. Wear chemical resistant gloves and protective clothing to minimize contact. The use of respiratory protection is advised when spraying because of mist and dust overspray.

### STORAGE INFORMATION:

Keep containers from freezing; material may coagulate. The minimum recommended storage temperature is 34F/1C, the maximum recommended storage temperature is 120F/49C. Keep away from incompatible materials (see Section 10). Keep containers tightly closed. It is advised that material be used within one year of manufacture, rotate stock.

### OTHER PRECAUTIONS:

All empty containers under normal use conditions, should be disposed of in an environmentally safe manner in accordance with all governmental regulations.

## ===== SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION =====

### RESPIRATORY PROTECTION:

No special requirements under normal conditions. In confined areas, or areas with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

### VENTILATION:

General room ventilation is adequate.

### PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing gloves impervious to solvents and other appropriate protective clothing. Launder contaminated clothing before reuse.

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## EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

## OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

## WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**COLOR:** Various colors

**ODOR:** Amine or ammonia odor

**SOLUBILITY IN WATER:** Dilutable

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.07

**VAPOR DENSITY:** Heavier than air.

**BOILING RANGE:**

**EVAPORATION RATE:** Slower than nBuAc

COATING V.O.C.: 147 g/l (1.23 lb/gal)

## SECTION 10 - STABILITY AND REACTIVITY DATA

### STABILITY:

Stable under normal conditions and handling.

### CONDITIONS TO AVOID:

None known

### INCOMPATIBILITY (MATERIALS TO AVOID):

None known. Materials which are not compatible with water or ordinary organics will not be compatible with this material.

### HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic byproducts such as carbon dioxide, carbon monoxide, various oxides of carbon and nitrogen.

Thermal decomposition may liberate acrylic monomers and ammonia.

### HAZARDOUS POLYMERIZATION:

Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### SENSITIZATION:

None known.

### CARCINOGENICITY:

The indicated chemical(s) is listed by ICGIH, NTP, or OSHA as a known human carcinogen (See Section 2). IARC has classified respirable crystalline silica in the form of quartz or cristobalite as a group 1 carcinogen. NTP classifies respirable crystalline silica as "reasonably anticipated to be a carcinogen". Because this product is a free flowing liquid, dust inhalation is not an expected route of exposure.

### REPRODUCTIVE TOXICITY:

There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

### TERATOGENICITY (BIRTH DEFECTS):

There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

### MUTAGENICITY:

There is no data to indicate that any component present at greater than 0.1% will alter DNA.

## SECTION 12 - ECOLOGICAL INFORMATION

### ENVIRONMENTAL DATA:

No known effects or critical hazards. No data available.

## SECTION 13 - DISPOSAL CONSIDERATIONS

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

## SECTION 14 - TRANSPORT INFORMATION

### SHIPPING NAME:

Not regulated.

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=====SECTION 15 - REGULATORY INFORMATION =====

All ingredients of this product are listed, or are excluded from listing, on the US Toxic Substances Control Act (TSCA) chemical substance inventory.

This product does not contain a chemical subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372) above de minimis concentrations.

**STATE SPECIFIC REQUIREMENTS:**

This product does contain a chemical known to the state of California to cause cancer, birth defects or reproductive harm, subject to the requirements of California Proposition 65.

This product contains Crystalline Silica, which when in the respirable form is a chemical know to the state of California to cause cancer, subject to the requirements of California Proposition 65.

**STATE LISTED COMPONENTS      CAS NUMBER      STATE CODE      .**

=====SECTION 16 - OTHER INFORMATION =====

**REVISION DATE: 02/20/16**

<b>HMIS CODES:</b>	<b>H</b>	<b>F</b>	<b>R</b>	<b>P</b>
	<b>2</b>	<b>0</b>	<b>0</b>	<b>E</b>