

M A T E R I A L S A F E T Y D A T A S H E E T**I. IDENTIFICATION**

MANUFACTURED BY: Diamond Vogel Paint
1020 Albany Place SE
Orange City, IA 51041

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24 Hour Emergency Telephone
CHEMTREC 1-800-424-9300

General Information:
Mon-Fri 8 AM - 5 PM
712-737-4993

TRADE NAME: Loader Black Satin M/C TGIC Polyester

MFG. PRODUCT NUMBER: PLX4486-01

II. HAZARDOUS INGREDIENTS

CAS #2451-62-9	Triglycidylisocyanurate (TGIC)	WT %:	1-5
ACGIH TLV:	.05mg/m3 TWA	ACGIH STEL:	NE
OSHA PEL:	NE	OSHA CEILING:	NE
VAPOR PRESSURE:		OSHA PEAK:	NE
		LEL%:	
CAS #14808-60-7	Crystalline Silica	WT %:	0.294
ACGIH TLV:		ACGIH STEL:	
OSHA PEL:		OSHA CEILING:	
VAPOR PRESSURE:		OSHA PEAK:	
		LEL%:	

Footnote: (1)

WARNING MESSAGES:

- (1) IARC Monograph Volume 68, 1997 concludes that there is sufficient evidence that inhaled crystalline silica causes cancer in humans. IARC group 1. The NTP, in the Sixth Annual Report on Carcinogens, 1991, has added crystalline silica to its list of substances that are anticipated to be carcinogens.
- (2) See Section IX for reportable Hazardous Air Pollutants.

III. PHYSICAL DATA

BOILING RANGE: N/A

EVAPORATION RATE: N/A

PERCENT VOLATILE BY VOLUME: 0.00%

WEIGHT PER GALLON: 11.92 LBS

VAPOR DENSITY: N/A

ACTUAL VOC (lb/gal): 0.00

EPA VOC (lb/gal): 0.00

EPA VOC (g/L): 0.00

IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Greater than 200°C (400° F) LEL: Refer to Section II

FLAMMABILITY CLASSIFICATION: * Not Regulated *

HAZARD CLASSIFICATION: *Not Regulated*

EXTINGUISHING MEDIA: Use water spray, dry chemical, foam, or Carbon Dioxide. Use water spray to cool fire-exposed

containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dust control and good housekeeping are required. Dust may carry a static charge. Make sure equipment and personnel are grounded to avoid static charge. Keep away from heat, sparks, and flame. Decomposition and combustion products may be toxic.

SPECIAL FIRE FIGHTING PROCEDURES:

In case of fire and/or explosion do not breathe fumes. Use water spray to reduce vapors. If water pollution occurs, notify appropriate authorities. Wear NIOSH approved self-contained breathing apparatus with independent air supply. Keep containers cool with water spray. Avoid skin contact.

V. HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II.

EFFECTS OF OVEREXPOSURE:

TGIC can cause irritation of eyes, skin and respiratory tract; loss of appetite, may cause nosebleeds; toxic by ingestion and if absorbed through skin. Prolonged or repeated contact may cause skin sensitization. Animal studies show that overexposure can result in toxic effects to the testes, possible effects on liver and lungs, and possible adverse male reproductive effects.

This product contains Crystalline Silica which is classified to be a Group 1 carcinogen by the International Agency for Research on Cancer (IARC). This category is used when there is sufficient evidence of carcinogenicity in humans. Crystalline Silica may also cause delayed respiratory disease (silicosis) if inhaled over a long period of time. Avoid breathing dust. Use NIOSH/MSHA approved respirator where TLV for crystalline silica may be exceeded.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Asthma, Chronic respiratory disease (e.g. Bronchitis, Emphysema)
Eye disease, Skin disorders and Allergies.

PRIMARY ROUTE(S) OF ENTRY: Eyes, Ingestion, Skin, Inhalation

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Restore breathing. Treat symptomatically. Consult a physician.

EYES: Flush immediately with large amounts of water for at least 15 minutes. Talk to a physician for medical treatment.

SKIN: Wipe off with towel. Wash with soap and water. Remove contaminated clothing.

INGESTION: If swallowed, call a physician immediately. Remove

stomach contents by gastric suction or induce vomiting only as directed by a medical personnel. Never give anything by mouth to an unconscious person.

VI. REACTIVITY DATA

STABILITY: *stable*

HAZARDOUS POLYMERIZATION: *will not occur*

INCOMPATIBILITY: Strong Oxidizers and contamination with dirt, rust and other foreign materials.

HAZARDOUS DECOMPOSITION: Thermal decomposition products may include: oxides of carbon, smoke and various hydrocarbon fragments, aldehydes and nitrogen oxides.

CONDITIONS TO AVOID: Fire, excessive heat and sunlight. At elevated temperatures, material may undergo rapid exothermic reaction leading to decomposition.

VII. SPILL OR LEAK PROCEDURES

SPILL/LEAK PROCEDURES: Avoid personal contact. Shovel into an approved disposal container. Flush contaminated area with water.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state, and federal regulations.

VIII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

If air concentrations above the TLV are possible, wear a NIOSH/MSHA approved respirator.

VENTILATION: Provide general dilution or local exhaust ventilation in volume and pattern to keep TLV and LEL of most hazardous ingredient in Section II, below acceptable limit.

PROTECTIVE GLOVES: Impermeable gloves to prevent skin contact.

EYE PROTECTION: Safety goggles with side shields, if needed.

OTHER PROTECTIVE EQUIPMENT: Protective clothing such as coveralls or lab coats must be worn.

HYGIENIC PRACTICES: See Section V

IX. SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Do not store near heat, sparks, or flame.

OTHER PRECAUTIONS: Eye wash station and safety shower should be available

This product contains no reportable Hazardous Air Pollutants.
