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CARDINAL H305-GR10 LT.GUNMETAL

SECTION I COMPANY AND PRODUCT INFORMATION

CARDINAL

1329 POTRERO AVENUE

SOUTH EL MONTE, CA 91733

INFORMATION: PHONE: (626) 444-9274 or (323) 283-9335 FAX: (626) 444-0382

24-Hour Emergency Phone:

(800) 424-9300 Chemtrec

PREPARED BY:

Richard A. Stewart

PRODUCT:

H305-GR10 LT.GUNMETAL

GENERAL DESCRIPTION:

EPOXY POLYESTER HYBRID POWDER COATING

HMIS CODES:

H: 1 F: 1 R: 0 P:

SECTION II HAZARDOUS INGREDIENTS

INGREDIENT	EXPOSURE LIMITS	V. P.	CAS No.	% WT	
		(mmHg @ 20øC)			
Titanium Dioxide		0	13463-67	7-7	10% - 15%

OSHA PEL: 15 mg/m3; ACGIH TLV: 10 mg/m3

SECTION III PHYSICAL DATA

SPECIFIC GRAVITY: 1.6306 WEIGHT PER GALLON: 13.5778 lb/gl SOLIDS BY VOLUME: 100.00% SOLIDS BY WEIGHT: 100.00%

VOC CONTENT:

VOC content tested per EPA METHOD 24, ASTM D2369 is less than 1% Wt/Wt.

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SECTION IV FIRE AND EXPLOSION RISKS

FLASH POINT: N/A METHOD: N/A L.E.L.: 10g/m3 U.E.L.: 70g/m3

EXTINGUISHING MEDIA: Foam, alcohol foam, CO2, dry chemical, water fog.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustion may occur when suspended in air in an enclosed environment with

an ignition source. (ie: Duct work)

SPECIAL FIREFIGHTING PROCEDURES: Self-contained breathing apparatus with full facepiece operated in pressure

demand or other positive pressure modes.

SECTION V HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE:

SKIN CONTACT: Slight irritation, dry skin, minor rashes.

EYE CONTACT: Moderate irritation, redness, tearing and itching sensation.

INHALATION: May cause nasal irritation, sneezing and coughing.

INGESTION: May cause gastrointestinal irritation, nausea, and diarrhea.

ACUTE: Can cause eye irritation, redness, tearing and blurred vision. Can cause moderate skin irritation

CHRONIC: May cause skin drying, rash, and dermatitis.

CARCINOGENICITY: This product contains: (Chemical; CAS#)

Titanium Dioxide 13463-67-7

Indicates a chemical listed by IARC 2B as a possible carcinogen.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Pre-existing respiratory conditions, allergies, eczema or skin conditions.

PRIMARY ENTRY ROUTES OF EXPOSURE: Dermal and Inhalation

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Flush with large quantities of water for 15 to 30 minutes. Get medical attention.

SKIN CONTACT: Wash exposed area with mild soap and water for 15 minutes. Remove contaminated clothing.

INHALATION: Remove victim to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Get immediate medical attention.

 ${\tt INGESTION:} \, < \, {\tt DO} \, \, {\tt NOT} \, \, {\tt INDUCE} \, \, {\tt VOMITING} \, > \, {\tt Keep} \, \, {\tt victim} \, \, {\tt warm} \, \, {\tt and} \, \, {\tt seek} \, \, {\tt immediate} \, \, {\tt medical} \, \, {\tt attention.}$

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SECTION VI REACTIVITY DATA

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Extremely high temperatures, poor ventilation and excessive aging.

INCOMPATIBILITY (MATERIALS TO AVOID): Avoid contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS: Thermal decomposition may produce carbon dioxide and/or carbon monoxide.

SECTION VII SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Prevent dust clouds from forming. Eliminate

all sources of ignition. Wear eye protection and dust mask. Sweep and use non-sparking shovels to scoop up. Place material in recovery container for disposal. Prevent from spreading to ground water.

WASTE DISPOSAL METHOD: Powder may be classified as a non-hazardous material. However, material should first be tested in accordance with EPA for TCLP requirements. Dispose of in accordance with local, state and federal regulations.

SECTION VIII SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Use a Particulate Respirator with an R95 rating for all handling of this product.

Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION: Provide sufficient "UL" approved mechanical (General and/or local exhaust) ventilation to control dust. This product is designed for industrial use in approved spray enclosures.

PROTECTIVE GLOVES: Use Gloves to prevent exposure to powder.

EYE PROTECTION: Use proper eye protection to prevent exposure to powder.

OTHER PROTECTIVE EQUIPMENT: Prevent repeated or prolonged skin contact, wear impervious clothing and work shoes.

HYGIENIC PRACTICES: Remove and wash soiled clothing before reuse. Wash hands before eating or smoking.

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SECTION IX SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool dry place and protect from breakage. (Avoid moisture) Clean up spills immediately, keep tightly closed when not being used. Avoid poor ventilation and excessive aging. Do not store near food or drinks. Do not allow powder dust to accumulate in and around machinery.

OTHER PRECAUTIONS: Powder coating application equipment should be grounded at all times to prevent static electricity build-up. (OSHA 29CFR 1910.107) "There shall be no open flame or spark producing equipment in any spraying area nor within 20 feet thereof, unless separated by a partition."

SECTION X SHIPPING INFORMATION

D.O.T. SHIPPING NAME : Not Regulated By D.O.T., 49 CFR

D.O.T. HAZARD CLASS : None
UN/NA NUMBER : None
PACKAGING GROUP : None
D.O.T. LABELS REQUIRED : None

SECTION XI OTHER REGULATORY INFORMATION

Toxic Control Act: All components of this product are listed on the EPA TSCA Inventory or exempt from notification.

Canadian Environmental Protection: All of the components of this product are approved and listed on the Canadian Domestic Substance List or exempt from notification requirements.

California Proposition 65:

* This product contains (a) chemical(s) known to the State of California to cause cancer.

* Crystalline Silica

The information contained in this Material Safety Data Sheet is considered to be true and accurate. Cardinal Industrial Finishes 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.