For R&D use only. Not for drug, household or other uses.

MATERIAL SAFETY DATA SHEET

Composition/Information on Ingredient 1308-14-1 Code:

RTECS: GB2760000 Code:

Name:

CHROMIC ACID

Other REC Limits: NONE RECOMMENDED

NOT ESTABLISHED

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

NOT ESTABLISHED

Control Measures

ACID RESISTANT RUBBER OR PLASTIC

USE GOOD INDUSTRIAL HYGIENE PRACTICES.

PIGMENT INSOLUBLE, BINDER MISCIBLE.

USE A SUPPLIED AIR RESPIRATOR FOR SPRAY APPLICATION.

SPRAY BOOTH SHOULD HAVE MINIMUM AIR FLOW OF 150 FT/MIN.

Respiratory Protection:

Protective Gloves:

Eye Protection:

Equipment N/A

APPROPRIATE GOGGLES

Other Protective Equipment:

Supplemental Safety and Health:

Health Hazards Data

LD50 (ORAL RAT) IS UNKNOWN

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Explanation Of Carcinogenicity:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure: MFR GAVE NO INFORMATION ON MSDS.

FOR 15 MINUTES, OBTAIN MEDICAL ATTENTION.

MFR GAVE NO INFORMATION ON MSDS.

Handling And Storage Precautions:

Route Of Entry Inds - Inhalation:

Work Hygienic Practices:

LD50LC50Mixture:

Skin: NO

IARC: YES

OSHA:

First Aid:

WATER.

Spill Release Procedures:

Waste Disposal Methods:

Neutralizing Agent:

Other Precautions:

Flash Point Method:

N/P

NONE

N/K 3

N/A

Lower Limits:

Upper Limits:

Extinguishing Media:

NRC/State LIC No:

Boiling Point:

Melt/Freeze Pt:

M.P/F.P Text: UNKNOWN

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres:

Vapor Density:

Spec Gravity: 1.60-1.65

PH: 1-3

Viscosity:

VOC Pounds/Gallon:

VOC Grams/Liter:

1 (WATER = 1) 4

Corrosion Rate: UNKNOWN

Stability Indicator:

Materials To Avoid:

WILL NOT OCCUR.

Information:N/P

Information:N/P

Solubility in Water: BINDER IS MISCIBLE

Appearance and Odor:

Evaporation Rate & Reference:

GRAY-GREEN LIQUID, ODORLESS.

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

MFR GAVE NO INFORMATION ON MSDS.

Hazardous Decomposition Products:

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

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Other Information:N/P

MSDS Transport Information

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The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from

handling or from contact with the above product. See reverse side of invoice or packing slip for additional

WARRANTY

terms and conditions of sale.

AVOID ALKALIS AND STRONG OXIDIZING OR REDUCING AGENTS.

DIRECT CONTACT WITH ALKALIS MAY PRODUCE HYDROGEN GAS.

Volatile Org Content %:

B.P. Text: 220

Net Prop WT For Ammo:

NONE

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

CARBON DIOXIDE, SAND, DRY CHEMICAL.

DIRECT CONTACT WITH ALKALIS MAY PRODUCE HYDROGEN GAS.

Physical/Chemical Properties

Flash Point:

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:

Ingestion:

Code:

Code: M

NΡ Code:

Click http://www.lookchem.com/cas-130/1308-14-1.html for suppliers of this product.

PROLONGED CONTACT WITH THE COATING LIQUID MAY PRODUCE SKIN DISCOLORATIONS AND ACID BURNS. EYE CONTACT WILL CAUSE IRRITATION. INHALATION OF ATOMIZED COATING MATERIAL WILL PRODUCE IRRITATION TO MUCOUS M EMBRANES AND LUNGS.

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CONTACT: DRENCH SKIN WITH WATER, REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE. SEVERE SKIN CONTACT MAY REQUIRE MEDICAL ATTENTION. INGESTION: IF CONSCIOUS, GIVE LARGE AMOUNTS OF WATER FOLLOWED BY M ILK OF MAGNESIA, OBTAIN MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. OBTAIN MEDICAL ATTENTION. EYE CONTACT: FLUSH WITH WATER

ABSORB ONTO SAND OR VERMICULITE AND PLACE IN CONTAINERS FOR DISPOSAL AS HAZARDOUS WASTE. RINSE SPILL AREA WITH

SHELF LIFE 12 MONTHS IN ORIGINAL CONTIANER. STORE INSIDE IN ORIGINAL CONTAINERS. STORE 40-90F(4-23C).

COATING CONTAINS HEXAVALENT CHROMIUM WHICH IS CONSIDERED TO BE A CARCINOGEN.

DISPOSE OF AS HAZARDOUS WASTE I/A/W FEDERAL, STATE & LOCAL REGULATIONS.

COATING CONTAINS ALUMINUM POWDER. DO NOT USE WATER BASED EXTINGUISHING AGENTS.

AVOID ALL SKIN CONTACT. USE GOOD INDUSTRIAL HYGIENE PRACTICE.

Fire and Explosion Hazard Information