

SERMASEAL 570A

MSDS Number

BBGZX

National Stock Number

8030-01-123-6659

Product Name

SERMASEAL 570A

Manufacturer

SERMATECH INTERNATIONAL INC

Product Identification

Product ID:SERMASEAL 570A

MSDS Date:01/01/1990

FSC:8030

NIIN:01-123-6659

MSDS Number: BBGZX

Responsible Party

SERMATECH INTERNATIONAL INC

155 S LIMERICK ROAD

LIMERICK , PA 19468

Emergency Phone: (215) 948-5100

Info Phone: (215) 948-5100

Preparer: KEVIN EDDINGER

Cage: 58913

Contractor

SERMATECH INTERNATIONAL INC SUB OF TELEFEX INC

LIMERICK, PA 19468-1603

US

610-948-5100

Cage: 58913

Ingredients

CHROMIC ACID (SOLID OR SOLUTION), CRO3, CHROMIUM (VI)

CAS: 1333-82-0

RTECS: GB6650000

Fraction By Weight: 2-10%

OSHA PEL0.1 MG/CUM (CRO3)

ACGIH TLV: 0.05 MG/CUM (CR)

CHROMIC ACID SOLUTION

CAS: 1308-14-1

RTECS: GB2670000

Fraction By Weight:

PHOSPHORIC ACID (SARA III)

CAS: 7664-38-2

RTECS: TB6300000

Fraction By Weight: 15-25%

OSHA PEL1 MG/M3/3 STEL

ACGIH TLV: 1 MG/M3/3 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

3), CR2-O3, CHROMIUM OXIDE

CAS: 1308-38-9

RTECS: GB6475000

Fraction By Weight: 2%

OSHA PEL1 MG/CUM

ACGIH TLV: 0.5 MG/CUM

0.75 LBS/GAL OR 8.8 LBS/SOLID

RTECS: 9999999VO

Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:SKIN: DISCOLORATION & ACID BURNS.

INHALATION: ATOMIZED COATING MAY PRODUCE IRRITATION TO MUCOUS MEMBRANES & LUNGS.

Explanation of Carcinogenicity:PART 1 & MIXED COATING CONTAIN

HEXAVALENT CHROMIUM WHICH IS CONSIDERED TO BE A CARCINOGEN.

Effects of Overexposure:SKIN: DISCOLORATION & ACID BURNS. INHALATION:

ATOMIZED COATING MAY PRODUCE IRRITATION TO MUCOUS MEMBRANE & LUNGS.

First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. GIVE CPR OR OXYGEN IF NEEDED. INGESTION: DRINK LARGE GLASSES OF WATER FOLLOWED BY MILK OF MAGNESIA. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Fire Fighting

Flash Point:NONE

Extinguishing Media:CO2, SAND, DRY CHEMICAL

Fire Fighting Procedures:WILL NOT BURN OR SUPPORT COMBUSTION. MIXED COATING CAN BURN ONLY UNTIL PART 2 IS DEPLETED. WEAR PROTECTIVE CLOTHING, INCLUDING SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:COMBUSTIBLE LIQUID.

Accidental Release

Spill Release Procedures:DILUTE W/EXCESS WATER, RINSE AREA & ABSORB ONTO VERMICULITE OR OTHER INERT INORGANIC ABSORBENT.

Handling

Handling and Storage Precautions:STORE UNMIXED PRODUCT UP TO 1 YEAR. PRODUCT THAT IS MIXED STORE FOR 48 HOURS. STORAGE TEMPERATURE IS 40-85F. STORE INSIDE IN ORIGINAL CONTAINERS.

Other Precautions:AVOID SKIN CONTACT.

Exposure Controls

Respiratory Protection:USE A SUPPLIED AIR RESPIRATOR FOR SPRAY APPLICATION.

Ventilation:SPRAY BOOTH SHOULD HAVE MINIMUM AIR FLOW OF 150 FT2/MIN.

Protective Gloves:ACID RESISTANT RUBBER, PLASTIC
Eye Protection:GOGGLES
Other Protective Equipment:SUPPLIED AIR RESPIRATORS ARE RECOMMENDED WHEN SPRAYING.
Work Hygienic Practices:ALWAYS USE GOOD INDUSTRIAL HYGIENE PRACTICES.
Supplemental Safety and Health
KEY1:C1. SERMASEAL 570A IS A TWO PART WATER BASED TOPCOAT SYSTEM. THE COATING IS PREPARED BY MIXING IN THE FOLLOWING RATIO: 10 PARTS (PART 1) & 1 PART (PART 2). PH OF MIXED COATING IS 2-3. FLASH POINT OF MIXED COATING IS 142F (TCC).

Chemical Properties

HCC:C1
Vapor Pres:23.7
Vapor Density:0.7
Spec Gravity:1.3
pH:1-3
Evaporation Rate & Reference:(BU AC = 1): Solubility in Water:MISCIBLE
Appearance and Odor:BROWN LIQUID W/NO ODO R
Percent Volatiles by Volume:90%

Stability

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING OR REDUCING AGENTS
Stability Condition to Avoid:HEAT, SPARKS, SAND, DRY CHEMICAL
Hazardous Decomposition Products:THERMAL DECOMPOSITION OF PART 2 CAN PRODUCE OXIDES OF CARBON

Disposal

Waste Disposal Methods:PART 1 & MIXED COATING CONTIAN HEXAVALENT CHROMIUM & SHOULD BE CONSIDERED AS HAZARDOUS WASTE. DISPOSE OF IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.

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