

CIBA-GEIGY CORP REN PLASTICS DIV -- MERCAPTAN ADHESIVE HARDENER -- 8040-01-435-4081
===== Product Identification =====

Product ID: MERCAPTAN ADHESIVE HARDENER
MSDS Date: 06/25/1994
FSC: 8040
NIIN: 01-435-4081
Status Code: A
MSDS Number: CKFBL
=== Responsible Party ===
Company Name: CIBA-GEIGY CORP REN PLASTICS DIV
Address: 4917 DAWN AVE
City: EAST LANSING
State: MI
ZIP: 48823-5605
Country: US
Info Phone
Num: 517-351-5900
Emergency Phone Num: 1-800-888-8372
Preparer's Name: M. MUNSELL
CAGE: 02684
=== Contractor Identification ===
Company Name: CIBA SPECIALTY CHEMICALS CORPORATION
Address: 4917 DAWN AVE
Box: City: EAST LANSING
State: MI
ZIP: 48823-5691
Country: US
Phone: 517-351-5900
CAGE: 02684

===== Composition/Information on Ingredients =====

Ingred Name: TITANIUM DIOXIDE *=AIR TOTAL DUST
CAS: 13463-67-7
RTECS #: XR2275000
Other REC Limits: 5MG/M3AIRTWA, (RESP)
OSHA PEL: 10MG/M3*
ACGIH TLV:

10 MG/M3*

Ingred Name:MERCAPTAN TEMINATED LIQUID POLYMER. CONFIDENTIAL
RTECS #:PT1000856

Ingred Name:2,4,6-TRIS.(.(DIMETHYLAMINO)METHYL.).PHENOL
CAS:90-72-2
RTECS #:SN3500000
OSHA PEL:5 PPM AIR TOTAL DUST
ACGIH TLV:5 PPM AIR

Ingred Name:BARIUM SULFATE
CAS:7727-43-7
RTECS #:CR0600000
Other REC Limits:*=AIR (TOTAL DUST)
OSHA PEL:10MG/M3*
ACGIH TLV:10 MG/M3*

Ingred Name:FUMED SILICA
CAS:7631-86-9
OSHA PEL:6MG/M3 AIR TWA
ACGIH TLV:10MG/M3 AIR TWA

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===== Hazards Identification
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Health Hazards Acute and Chronic:(HEATED PRODUCT MAY PRODUCE INHALABLE VAPORS.) HEALTH HAZARDS: SKIN IRRITATION: IRRITANT. EYE IRRITATION: IRRITANT. SENSITIZATION: POSSIBLE IN SUSCEPTIBLE INDIVIDUALS.

Effects of Overexposure:SKIN AND EYE IRRITATION AND ALLERGIC SKIN AND RESPIRATORY REACTIONS.

Medical Cond Aggravated by Exposure:SKIN AND EYE CONDITIONS.

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===== First Aid Measures =====

First Aid:EYES: IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRER BEFORE RE-USE. INGESTION: IF CONSCIOUS, GIVE PLENTY OF WATER TO DRINK. DO NOT INDUCE VOMITING. CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN AND/OR ARTIFICIAL RESPIRATION, IF NEEDED. CALL A PHYSICIAN. OTHER : REFERRAL TO A PHYSICIAN IS RECOMMENDED IF THERE IS ANY QUESTION ABOUT THE SERIOUSNESS OF A

NY INJURY.

===== Fire Fighting Measures =====

Flash Point Method:PMCC

Flash Point:=132.2C, 270.F

270F

Extinguishing Media:CO2, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:DECOMPOSITION AND COMBUSTION PRODUCTS MAY BE TOXIC.

===== Accidental Release Measures =====

Spill Release Procedures:REMOVE SPILLAGE BY ABSORBING IN ABSORBENT MATERIAL.

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===== Handling and Storage =====

Handling and Storage Precautions:WARNING! COMBUSTIBLE. CAUSES SKIN AND EYE IRRITATION. MAY CAUSE ALLERGIC SKIN AND RESPIRATORY REACTION. KEEP AWAY FROM HEAT AND FLAME. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING. AVOID BREATHING VAPOR OR MIST. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

Other Precautions:KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATIONS. WASH THOROUGHLY AFTER HANDLING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR WHEN VAPOR/MIST EXPOSURE IS LIKELY.

Ventilation:GENERAL MECHANICAL AND LOCAL EXHAUST IN ACCORDANCE WITH ACGIH RECOMMENDATIONS.

Protective Gloves:WEAR IMPERMEABLE GLOVES.

Eye Protection:WEAR SPLASH-PROOF CHEMICAL GOGGLES.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

Vapor Pres:0.08MMHG @ 25' C

Spec Gravity:1.4

3 - 1.53 (WATER = 1)

Solubility in Water:SLIGHT

Appearance and Odor:WHITE PASTE, MERCAPTAN ODOR

Percent Volatiles by Volume: