

HEMPEL COATINGS USA, INC. -- EPOXY PAINT RED -- 8010-01-316-6741

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Product Identification
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Product ID:EPOXY PAINT RED

MSDS Date:01/13/1999

FSC:8010

NIIN:01-316-6741

Status Code:A

MSDS Number: CLPRM

=== Responsible Party ===

Company Name:HEMPEL COATINGS USA, INC.

Address:6901 CAVALCADE

City:HOUSTON

State:TX

ZIP:77028

Country:US

Info Phone Num:713-672-6641

Emergency Phone Num:713-672-6641

Preparer's Name:ERNEST CARTER

Chemtrec Ind/Phone:(800)424-9300

CAGE:UO333

=== Contractor Identification ===

Company Name:HEMPEL COATINGS USA, INC.

Address:6901 CAVALCADE

Box:City:HOUSTON

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Composition/Information on Ingredients
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Ingred Name:EPOXY RESIN (BISPHENOL A DIGLYCIDYL ETHER TYPE)

CAS:25068-38-6

Code:F

RTECS #:CE6880000

Minumum % Wt:45.

Maxumum % Wt:60.

Ingred Name:TALC

CAS:14807-96-6

RTECS #:WW27100

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Minumum % Wt:20.

Maxumum % Wt:30.

OSHA PEL:SEE TABLE Z-3

ACGIH TLV:2 MG/M3

Ingred Name:BENZYL ALCOHOL

CAS:100-51-6

RTECS #:DN3150000

Minumum % Wt:1.

Maxumum % Wt:5.

Ingred Name:XYLENE

CAS:1330-20-7

RTECS #:ZE2100000

Minumum % Wt:5.

Maxumum % Wt:10.

ACGIH TLV:434 MG/M3;100 PPM

ACGIH STEL:651 MG/M3;150 PPM

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Health Hazards Acute

and Chronic:LIQUID MAY IRRITATE EYES AND SKIN

TISSUE, NOSE, RESPIRATORY TRACT. MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION. HARMFUL IF SWALLOWED, INHALED; CAUSES RESPIRATORY TRACT IRRITATION, SKIN IRRITATION. REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE.

Effects of Overexposure:INHALATION: IRRITATION OF THE RESPIRATORY TRACT OR NERVOUS SYSTEM DEPRESSION PRODUCING SUCH AS GIDDINESS,

HEADACHE, DIZZINESS, NAUSEA, AND LOSS OF CONSCIOUSNESS. IF SEVERE. DEATH MAY OCCUR.SKIN: PROLONGED OR REPEATED LIQUID CONTACT CAN RESULT IN DEFATTING AND DRYING WHICH MAY RESULT IN IRRITATION AND DERMATITIS. PREEXISTING EYE, SKIN, AND RESPIRATORY DISORDERS MAY BE AGGRAVATED BY ANY EXPOSURE TO THIS PRODUCT. EXERCISE DUE CARE WHEN HANDLING THIS PRODUCT.

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

First Aid:INHALATION: REMOVE VICTIM TO FRESH AIR.AND

PROVIDE OXYGEN OR

ARTIFICIAL RESPIRATION IF NEEDED, GET MEDICAL AID. SKIN: REMOVE CONTAMINATED CLOTHING. FLUSH WITH WATER, FOLLOW BY WASHING WITH ADDITIONAL SOAP AND WATER. GET MEDICAL AID. EYE: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET MEDICAL AID. INGESTION: DO NOT INDUCE VOMITING. PREVENT LIQUID ASPIRATION INTO LUNGS.

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

Flash Point Method: TCC

Flash Point: =25.C, 77.F

Lower Limits: 1.0%

Extinguishing

Media: FOAM, CO2, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures: CONTAINERS THAT ARE EXPOSED TO INTENSE HEAT SHOULD BE COOLED WITH WATER. AVOID SPREADING BURNING LIQUID WITH THE WATER USED FOR COOLING PURPOSES. DO NOT ENTER FIRE AREA WITHOUT THE PROPER PROTECTION. WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE GEAR. FIGHT FIRE FROM A SAFE DISTANCE OR A PROTECTED LOCATION.

Unusual Fire/Explosion Hazard: KEEP CONTAINERS TIGHTLY CLOSED. ISOLATE FROM HEAT. ELECTRICAL

EQUIPMENT, SPARKS, AND OPEN FLAME, VAPORS MAY BE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND BEFORE IGNITION/FLASHING BACK TO VAPOR SOURCE. KEEP WELDING OR CUTTING EQUIPMENT AWAY FROM PRODUCT.

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

Spill Release Procedures: SHUT OFF AND ELIMINATE ALL IGNITION SOURCES. KEEP PEOPLE AWAY FROM SPILL. RECOVER ANY FREE PRODUCT. ADD SAND, EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA. MINIMIZE BREATHING

VAPORS AND SKIN CONTACT. VENTILATE CONFINED SPACES. KEEP PRODUCT OUT OF SEWERS AND PUBLIC WATERS. PLACE ABSORBED MATERIAL IN PROPERLY SEALED NON-LEAKING CONTAINERS FOR PROPER DISPOSAL. DIKE LARGE SPILLS.

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

Handling and Storage Precautions: KEEP CONTAINERS PROPERLY CLOSED WHEN NOT IN USE.

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

Respiratory Protection: THE USE OF RESPIRATORY PROTECTION

N DEPENDS ON THE VAPOR CONCENTRATION ABOVE THE TLV-PEL. USE A NIOSH/MSHA APPROVED CARTRIDGE TYPE PARTICULATE/VAPOR RESPIRATOR OR AIR-SUPPLIED MASK IN CONFINED AREAS.

Ventilation:LOCAL EXHAUST MUST BE PROVIDED TO KEEP LEL AND TLV-PEL OF THE HAZARDOUS INGREDIENTS WITHIN ACCEPTABLE LIMITS.

Protective Gloves:SHOULD BE IMPERMEABLE AND MADE OF CHEMICALLY RESISTANT MATERIAL.

Eye Protection:SAFETY GLASSES, CHEMICAL GOGGLES/FACE SHIELDS RECOMMENDED.

Other Protective Equipment:USE APPROPRIATE PPE AS NECESSARY DEPENDING UPON THE METHOD OF APPLICATION.

Work Hygienic Practices:ALWAYS WASH HANDS AFTER USING THIS MATERIAL AND BEFORE EATING, DRINKING, OR SMOKING.

Supplemental Safety and Health
KEEP PRODUCT CONTAINERS COOL, DRY AND AWAY FROM ANY SOURCE OF IGNITION. USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION. KEEP CONTAINERS PROPERLY CLOSED WHEN NOT IN USE. FOR STORAGE CONDITIONS REFER TO OSHA REGULATION 29 CFR 1910.106.

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

Boiling Pt:B.P. Text:HI-403.0-LO-280.0-F
Vapor Density:HEAVIER
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:NEGLIGIBLE
Appearance and Odor:TYPICAL OF SOLVENTS USED

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
CONTACT WITH OXIDIZING AGENTS.
Stability Condition to Avoid:HEAT, FLAME, SPARKS AND CONTACT WITH OXIDIZING AGENTS.
Hazardous Decomposition Products:COMBUSTION MAY GENERATE CARBON MONOXIDE, CARBON DIOXIDE, AND OTHER TOXIC VAPORS FROM ORGANIC COMPOUNDS.
Conditions to Avoid Polymerization:WILL NOT OCCUR.

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS.

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ements of the Department
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