

UNITED RESIN CORPORATION -- EPOXY METAL ADHESIVE COMPOUND (SHT RESIN A) --  
8040-01-224-4909

===== Product Identification =====

Product ID:EPOXY METAL ADHESIVE COMPOUND (SHT RESIN A)

MSDS Date:04/28/1997

FSC:8040

NIIN:01-224-4909

Status Code:A

Kit Part:Y

MSDS Number: CLHDX

=== Responsible Party ===

Company Name:UNITED RESIN CORPORATION

Address:4359 NORMANDY COURT

City:ROYAL OAK

State:MI

ZIP:48073

Country:US

Info Phone Num:248-549-8200/

Emergency Phone Num:810-549-8200

CAGE:1FD35

=== Contractor Identification ===

Company Name:UNITED RESIN CORPORATION

Address:4359 NORMANDY COURT

City:ROYAL OAK

State:MI

ZIP:48073

Country:US

Phone:248-549-8200/

CAGE:1FD35

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

Ingred Name:EPOXY RESIN

CAS:25068-38-6

RTECS #:CE6880000

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

Health Hazards Acute and Chronic:SKIN CON

TACT-PRODUCT COULD BE

MODERATELY IRRITATING TO SKIN. AVOID DIRECT SKIN CONTACT WHEN USING THIS MATERIAL. EYE CONTACT-PRODUCT COULD BE MODERATELY IRRITATING TO THE EYES. AVOID TOUCHING EYES WHEN USING THIS MATERIAL. INHALATION-BECAUSE OF ITS LOW VOLATILITY THIS PRODUCT IS NOT LIKELY TO BE AN INHALATION HAZARD. INGESTION-NO ADVERSE EFFECTS ANTICIPATED BY THIS ROUTE OF EXPOSURE INCIDENTAL TO PROPER INDUSTRIAL HANDLING.

Explanation of Carcinogenicity:THIS MATERIAL IS NEITHER CARCINOGENIC NOR POTENTIALLY CARCINOGENIC.

Medical Cond Aggravated by Exposure:MAY CAUSE ALLERGIC SKIN REACTION IN SUSCEPTIBLE INDIVIDUALS.

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First Aid Measures  
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First Aid:INHALATION-REMOVE VICTIM TO FRESH AIR. EYES-FLUSH EYES WITH GENEROUS AMOUNTS OF WATER FOR AT LEAST 15 MINS. GET MEDICAL ATTENTION IF IT APPEARS NECESSARY. SKIN-WASH THOROUGHLY WITH SOAP AND WATER. INGESTION-IN GENERAL, NO TREATMENT IS NECESSARY UNLESS LARGE QUANTITIES OF PRODUCT ARE INGESTED.

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Fire Fighting Measures  
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Flash Point Method:PMCC

Flash Point:>176.7C, 350.F

Extinguishing Media:WATER, FOG, FOAM, DRY CHEMICAL, CARBON DIOXIDE.

Fire Fighting Procedures:DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL PROTECTIVE GEAR INCLUDING A POSITIVE PRESSURE, SELF-CONTAINED, NIOSH APPROVED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

Unusual Fire/Explosion Hazard:CONTAINER A

REAS EXPOSED TO INTENSE HEAT

OR FLAMES SHOULD BE COOLED WITH WATER TO PREVENT PRESSURE BUILDUP AND/OR WEAKENING OF CONTAINER STRUCTURE.

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Accidental Release Measures  
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Spill Release Procedures:USE CAUTIOUS JUDGEMENT WHEN CLEANING SPILLS. SMALL SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIAL, SUCH AS CLAY OR SAND. LARGE SPILLS SHOULD BE DIKED AND CONTAINED WITH ABSORBENT MATERIALS. FLUSH ARE WITH SPRAY TO REMOVE RESIDUE. DISPOSE OF FL

USH LEGALLY.

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

Handling and Storage Precautions:STORE AT AMBIENT TEMPERATURES IN WELL VENTILATED AREA. AVOID SPARKS, OPEN FLAMES AND EXTREME HEAT. STORE SEPERATELY FROM AMINE CURING AGENTS. PRODUCT CONTAINER FROM PHYSICAL DAMAGE.

Other Precautions:CONTAINER, EVEN THOSE THAT HAVE BEEN EMPTIED, CAN CONTAIN PRODUCT RESIDUES. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL PRACTICES. AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.

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

Respiratory Protection:NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

Ventilation:LOCAL EXHAUST IS RECOMMENDED. MECHANICAL EXHAUST CAN BE USED AS A BACK UP SYSTEM.

Protective Gloves:CHEMICAL RESISTANT GLOVES SUCH AS PVA.

Eye Protection:NIOSH APPROVD SAFETY GLASSES OR GOGGLES WITH SIDE SHIELDS.

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS REQUIRED TO MINIMIZE SKIN CONTACT.

Work Hygienic Practic

es:WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING, APPLYING COSMETICS, OR USING TOLIET FACILITIES. LAUNDER CONTAMINATED CLOTHING BEFORE

Supplemental Safety and Health

CHEMICAL FAMILY: EPOXY RESIN-FORMULATED. FORMULA: PROPRIETARY. \*\*ITEM IS A TWO PART KIT. SEE MSDS SERIAL #CLHDY.

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

HCC:V5

Boiling Pt:>260.C, 500.F

Spec Gravity:1.19

Solubility in Water:NEGLIGIBLE

Appearance and Odor:WHITE PASTE.

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

Stability Indicator/Materials to Avoid: YES

INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS AND BASES,  
SECONDARY ALIPHATIC AMINES AND MERCAPTANS.

Stability Condition to Avoid: AVOID HIGH TEMPERATURES, OPEN FLAMES AND  
UNSCHEDULED CONTACT WITH CURING AGENT.

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE,  
ALDEHYDES, ACIDS AND OTHER ORGANIC SUBSTANCES MAY BE FORMED DURING  
HIGH TEMPERATURE DEGRADATION.

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Conditions to Avoid Polymerization: AVOID MIXING RESIN AND HARDNER IN  
UNCONTROLLED QUANTITIES.

===== Toxicological Information =====

Toxicological Information: OSHA PERMISSIBLE EXPOSURE LIMIT: OSHA LIMITS  
HAVE NOT BEEN ESTABLISHED FOR THIS PRODUCT. ACGIH THRESHOLD LIMIT  
VALUE: ACGIH LIMITS HAVE NOT BEEN ESTABLISHED FOR THIS PRODUCT.

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

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

===== MSDS Transport Information =====

Transport Information: HAZARD MATERIAL DESCRIPTION, PROPER SHIPPING  
NAME, HAZARD CLASS: PLASTIC MATERIALS, NOIBN, NOT RESTRICTED.

===== Regulatory Information =====

State Regulatory Information:

===== Other Information =====

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