

RESIN TECHNOLOGY GROUP INC -- A-271 EPOXY ADHESIVE, RESIN, PART A

=====
MSDS Safety Information
=====

FSC: 8040
NIIN: 01-239-6827
MSDS Date: 12/13/1994
MSDS Num: CKTLX
Product ID: A-271 EPOXY ADHESIVE, RESIN, PART A
MFN: 01
Kit Part: Y
Responsible Party
Cage: 0JVX9
Name: RESIN TECHNOLOGY GROUP INC
Address: 28 NORFOLK A
VE
City: S EASTON MA 02375
Info Phone Number: 508-230-8070
Emergency Phone Number: (800)424-9300
Chemtrec IND/Phone: (800)424-9300
Proprietary Ind: Y
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 0JVX9
Name: RESIN TECHNOLOGY GROUP INC
Address: 28 NORFOLK AVE
City: S EASTON MA 02375
Phone: 508-230-8070

=====
Item Description Infor
mation
=====

Item Manager: GSA
Item Name: ADHESIVE
Unit of Issue: PT
UI Container Qty: 0

=====
Ingredients
=====

Name: *** PROPRIETARY ***

=====

=====
Health Hazards Data
=====

Route Of Entry Inds - Inhalation: YES
Skin: Y

ES

Effects of Exposure: EYE CONTACT: CONTACT CAN CAUSE MODERATE IRRITATION. FOLLOWING EYE CONTACT, CORNEAL OPACIFICATION AND POSSIBLE VASCULARIZATION CAN OCCUR. THE SEVERITY OF DAMAGE DEPENDS ON THE DURATION OF EXPOSURE AND ON THE FIRST AID PROCEDURES ADMINISTERED. SKIN CONTACT: CONTACT CAN CAUSE MODERATE IRRITATION. IT CAN CAUSE THE DEVELOPMENT OF HYPERSENSITIVITY IN SUSCEPTIBLE INDIVIDUALS. INHALATION: CAN CAUSE IRRITATION TO THE NOSE, THROAT AND UPPER RESPIRATORY TRACT. INGESTION: SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION.

First Aid: EYES: IN CASE OF CONTACT FLUSH WITH WATER FOR 15 MIN. OBTAIN MEDICAL ATT. SKIN: IN CASE OF SKIN CONTACT WASH WITH SOAP/WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY BEFORE REUSING. DESTROY OR CLEAN SHOES BEFORE REUSING. OBTAIN MEDICAL ATT. INHALATION: IF VAPOR IS INHALED REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF THERE IS DIFFICULTY BREATHING. GIVE ARTIFICIAL RESPIR. IF BREATHING HAS STOPPED. OBTAIN MEDICAL ATT. INGESTION:

IF SWALLOWED CALL A POISON CONTROL CENTER, EMERGENCY ROOM, OR PHYSICIAN. UNLESS ADVISED OTHERWISE, INDUCE VOMITING BY GIVING EITHER SYRUP OF IPECAC FOLLOWED BY 2 GLASSES OF WATER OR BY STICKING FINGER DOWN THROAT.

=====
Handling and Disposal
=====

Spill Release Procedures: VENTILATE IF NECESSARY, EVAC IF AIRBORNE LEVELS EXCEED LIMITS. CONTAIN SPILL USING A DIKE/BARRIER. IF SUBSTANTIAL QUANTITIES SPILLED AND CANNOT BE PUMPED, RECOVER WITH PUMPING EQUIP OR VACUUM TRUCK. COVER SPILL WITH INERT ABSORB, SUCH AS FULLER'S EARTH, CLAY OR OTHER ABSORB. PLACE MATERIAL/SUITABLE CONTAINER FOR FURTHER HANDLING/DISPOSAL. OBSERVE ALL FEDERAL/STATE/LOCAL REPORTING REGULATIONS REGARDING MATERIAL RELEASE.

Waste Disposal Methods: DISPOSAL MUST BE MADE IN ACCORDANCE WITH APPLICABLE GOVERNMENTAL REGULATIONS.

Handling And Storage Precautions: STORE IN A COOL, DRY, WELL VENTILATED AREA. DO NOT STORE ABOVE 100 DEG F. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. HEATING CAN GENERATE VAPORS, USE APPROPRIATE VENTILATION OR RESPIRATORS AS NECESSARY.

=====
Fire and Explosion Hazard Information
=====

Flash Point Method: SCC

Flash Point: >93.3C, 200.F

Flash Point Text: >200 DEG F

Extinguishing Media: SMALL FIRES: USE WATER (SPRAY, FOG OR IN SOME INSTANCES STREAM, FOAM, DRY CHEMICAL, OR CARBON D

IOXIDE. LARGE FIRES: USE WATER (SPRAY, OR FOG) OR STANDARD FOAM.

Fire Fighting Procedures: FIRE FIGHTERS AND OTHERS WHO MAY BE EXPOSED TO THE PRODUCTS OF COMBUSTION SHOULD BE EQUIPPED WITH NIOSH APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING .

=====
Control Measures
=====

Respiratory Protection: WHERE EXPOSURE EXCEEDS ESTABLISHED AIRBORNE LIMITS USE

A NIOSH APPROVED RESPIRATOR, OR A SCBA, OR A SUPPLIED AIR RESPIRATOR AS NECESSARY TO CONTROL EXPOSURE.

Ventilation: GENERAL VENTILATION

Protective Gloves: IMPERVIOUS GLOVES

Eye Protection: CHEMICAL SPLASH GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment: AN EYE WASH FACILITY SHOULD BE READILY AVAILIABLE. PROTECTIVE CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT.

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

Boiling Point: =260.C, 500.F

B.P. Text: 500 DEG F

Spec Gravity: 1.17

Solubility in Water: INSOLUABLE

Appearance and Odor: AMBER VISCOUS LIQUID MILD ODOR

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: AVOID CONTACT WITH THE ABOVE INCOMPATABLE CHEMICALS.

Materials To Avoid: AMINES, MERCAPTANS, OXIDIZING AGENTS, ACIDS, STRONG BASES, AMMONIA

Hazardous Decomposition Products: MAY LIBERATE IRRITATING VAPORS DURING COMBUSTION OR DECOMPOSITION. PHENILICS, SMOKE, SOOT, CARBON DIOXIDE, CARBON MONOXIDE AND METALIC OXIDES.

Hazardous Polymerization Indicator: NO

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

Toxicological Information: BISPHENOL A/EPICHLOROHYDRIN RESIN: LD50 ACUTE ORAL RAT: 11,400 MG/KG, LD50 ACUTE ORAL MOUSE

: 15,600 MG/KG, LD50 ACUTE DERMAL
RABBIT: >20,000 MG/KG. THIS RESIN HAS BEEN SHOWN TO BE MUTAGENIC IN SOME
MICROBIAL ASSAYS, BUT HAS FAILED TO PRODUCE MUTAGENIC ACTIVITY IN OTHERS.
CHROMOSOMAL ABERRATIONS HAVE BEEN OBSERVED IN CULTURED RAT LIVER CELLS.
ORGANOSILANE ESTER: A LIFETIME SKIN PAINING STUDY IN MICE INDICATED THAT THE
MATERIAL WAS NOT CARCINOGENIC BY THIS ROUTE OF ADMINISTRATION. MUTAGENIC
ACTIVITY WAS OBSERVED IN THE AMED TESTS AND THE MOUSE LYMPOMA ASSAY, BUT NOT
|
N CELL TRANSFORMATION TESTS.

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

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

Sara Title III Information: IMMEDIATE (ACUTE) HEALTH HAZARD: YES
State Regulatory Information: CALIFORNIA PROP 65: THIS PRODUCT CONTAINS THE
FOLLOWING SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA
TO CAUSE CANCER, BIRTH
DEFECTS OR OTHER REPRODUCTIVE HARM, SUBSTANCES-EPICHLOROHYDRIN.

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

Other Information: THE INFORMATION CONTRAINED HEREIN IS BASED ON THE DATA
AVAILABLE TO US AND IS BELIEVED TO BE CORRECT. HOWEVER, RESIN TECHNOLOGY
GROUP INC. MAKES NO WARRANTY, EXPRESSED OR IMPLIED REGARDING THE ACCURACY
OF THIS DATA OR THE RESULTS TO BE OBTAINED FROM
THE USE THEREOF. RESIN
TECHNOLOGY GROUP INC. ASSUMES NO RESPONSIBILITY FOR INJURY FROM THE USE OF
THE PRODUCT DESCRIBED HEREIN.

=====
Transportation Information
=====

Responsible Party Code: 0JVX9
Trans ID NO: 154802
Product ID: A-271 EPOXY ADHESIVE, RESIN, PART A
MSDS Prepared Date: 12/13/1994
Review Date: 08/21/2000
MFN: 1
Multiple KIT Number: 0
Kit Part IND: Y
Unit Of Issue: PT
Container Q

TY: 0

=====
Detail DOT Information
=====

DOT PSN Code: ZZZ

DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail IMO Information
=====

IMO PSN Code: ZZZ

IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
=====

=====
Detail IATA Information
=====

IATA PSN Code: ZZZ

IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail AFI Information
=====

AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
HAZCOM Label
=====

=====
Product ID: A-271 EPOXY ADHESIVE, RESIN, PART A

Cage: 0J VX9

Company Name: RESIN TECHNOLOGY GROUP INC

Street: 28 NORFOLK AVE

City: S EASTON MA

Zipcode: 02375

Health Emergency Phone: (800)424-9300

Label Required IND: Y

Date Of Label Review: 09/29/2000

Status Code: A

Origination Code: G

Hazard And Precautions: EYE CONTACT: CONTACT CAN CAUSE MODERATE IRRITATION.

FOLLOWING EYE CONTACT, CORNEAL OPACIFICATION AND POSSIBLE VASCULARIZATION
CAN OCCUR. THE SEVERITY OF

F DAMAGE DEPENDS ON THE DURATION OF EXPOSURE AND ON THE FIRST AID PROCEDURES ADMINISTERED. SKIN CONTACT: CONTACT CAN CAUSE MODERATE IRRITATION. IT CAN CAUSE THE DEVELOPMENT OF HYPERSENSITIVITY IN SUSCEPTIBLE INDIVIDUALS. INHALATION: CAN CAUSE IRRITATION TO THE NOSE, THROAT AND UPPER RESPIRATORY TRACT. INGESTION: SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION.

=====

Disclaimer (provided with this information by the compiling agencies): This

information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever expressly or implied warrants, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruct

ion who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity to a corresponding Department of Defense or other government situation.