

3M COMPANY -- SCOTCH-WELD ? 2216 B/A PART B TRANSLUCENT EPOXY ADHESIVE. --
8040-00-145-0432

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

Product ID:SCOTCH-WELD ? 2216 B/A PART B TRANSLUCENT EPOXY ADHESIVE.

MSDS Date:08/22/1996

FSC:8040

NIIN:00-145-0432

Status Code:A

MSDS Number: CKKPR

=== Responsible Party ===

Company Name:3M COMPANY

Address:3M CENTER BLDG 223-3N

City:ST PAUL

State:MN

ZIP:55144-0001

Countr

y:US

Info Phone Num:1-612-733-1110

Emergency Phone Num:0000000000

CAGE:04963

=== Contractor Identification ===

Company Name:3M MINNESOTA MINING AND MFG CO ADHESIVES SEALERS DIV

Address:3M CTR

Box:City:SAINT PAUL

State:MN

ZIP:55144-1000

Country:US

Phone:800-364-3577/651-737-6501(24 HOURS)

CAGE:04963

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

Ingred Name:EPOXY RESIN

CAS:25068-38-6

Code:F

RTECS #:CE6880000

= Wt:100.

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

=====

Health Hazards Acute and Chronic: EYE CONTACT RESULTS IN CHEMICAL RELATED BURNS (CHEMICAL CORROSIVITY). VAPORS FROM HEATED MATERIAL MAY CAUSE EYE IRRITATION. DUST CREATED BY CUTTING, GRINDING, SANDING, OR MACHINING MAY CAUSE EYE IRRITATION. ALLERGIC AND MILD SKIN REACTIONS. INHALATION CAN CAUSE IRRITATION. VAPORS FROM HEATED MATERIAL MAY CAUSE RESPIRATORY SYSTEM IRRITATION. DUST FROM GRINDING, SANDING, OR MACHINING MAY CAUSE IRRITATION OF THE RESPIRATORY SYSTEM.

INGESTION MAY CAUSE IRRITATION OF GASTROINTESTINAL TISSUES.

Effects of Overexposure: EYE CONTACT: CAN INCLUDE CLOUDY APPEARANCE OF THE CORNEA, CHEMICAL BURNS, PAIN, TEARING, ULCERS, IMPAIRED VISION OR LOSS OF VISION. SKIN CONTACT: CAN INCLUDE REDNESS, SWELLING, ITCHING AND BLISTERING. INHALATION: CAN INCLUDE SORENESS OF THE NOSE AND THROAT, COUGHING AND SNEEZING. INGESTION: CAN INCLUDE PAIN, VOMITING, ABDOMINAL TENDERNESS, NAUSEA, BLOOD IN VOMITUS, AND

BLOOD IN FECES.

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

First Aid: EYE: IMMEDIATELY FLUSH EYES W/LARGE AMOUNTS OF WATER. GET IMMEDIATE MEDICAL ATTENTION. SKIN: IMMEDIATELY WASH W/SOAP & LARGE AMOUNTS OF WATER. REMOVE CONTAMINATED CLOTHING BEFORE REUSE & DISPOSE OF CONTAMINATED SHOES. INHALATION: IF SIGNS/SYMPTOMS OCCUR, REMOVE PERSON - FRESH AIR. IF SIGNS/SYMPTOMS CONTINUE, CALL PHYSICIAN. INGESTION: DON'T INDUCE VOMITING. DRINK 2 GLASSES WATER. CALL PHYSICIAN.*

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

Flash Point: >121.1C, 250.F
250F

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

Fire Fighting Procedures: WEAR FULL PROTECTIVE CLOTHING, INCLUDING HELMET, SELF-CONTAINED POSITIVE PRESSURE OR PRESSURE DEMAND BREATHING APPARATUS, BUNDER COAT AND PANTS, BANDS AROUND ARMS, WAIST AND LEGS, FACE MASK, AND PROTECTIVE COVERING FOR EXPOSED AREAS OF THE HEAD.

Unusual Fire/Explosion Hazard: NONE

===== Acc

idental Release Measures =====

Spill Release Procedures:REFER TO OTHE SECTIONS OF THIS MSDS FOR INFORMATION REGARDING PHYSICAL AND HEALTH HAZARDSS, RESPIRATORY PROTECTION, VENTILATION, AND PERSONAL PROTECTIVE EQUIPMENT. COVER WITH ABSORBENT MATERIAL. COLLE CT SPILLED MATERIAL. PLACE IN A US. DOT-APPROVED CONTAINER. IN USA CALL 1-612-733-1110 OR 1-612-733-6100 FOR 24 HOUR SPILL ASSISTANCE.

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

Ha
ndling and Storage Precautions:STORE AWAY FROM HEAT. KEEP OUT OF THE REACH OF CHILDREN. KEEP CONTAINER TIGHTLY CLOSED.

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

Respiratory Protection:AVOID BREATHING OF VAPORS CREATED DURING THE CURE CYCLE. AVOID BREATHING OF DUST CREATED BY CUTTING, SANDING OR GRINDING. SELECT ONE OF THE FOLLOWING NIOSH APPROVED RESPIRATORS BASED ON AIRBORNE CONCE NTRATIONS OF CONTAMINANTS AND IN ACCORDANCE WITH OSHA REGULATIONS

: HALF MASK RESPIRATOR.

Ventilation:PROVIDE APPROPRIATE LOCAL EXHAUST FOR GRINDING, CUTTING OR SANDING CURED MATERIAL.

Protective Gloves:POLYETHYLENE/ETHYLENE VINYL ALCOHOL.

Eye Protection:WEAR VENTED GOGGLES. WEAR SAFETY GLASSES WITH SIDE SHIELDS.

Work Hygienic Practices:DO NOT EAT, DRINK, OR SMOKE WHEN USING THIS PRODUCT. WASH EXPOSED AEAS THOROUGHLY WITH SOAP AND WATER. DO NOT INGEST.

Supplemental Safety and Health

CURING SOVENS MUST BE EXHAUSTED TO OUTDOORS OR TO A SUTABLE EM ISSION

CONTROL DEVICE. USE IN A WELL VENTILATED AREA. IF EZXHAUST VENTILATION IS NOT ADEQUATE, USE APPROPRIATE RESPIRATORY PROTECTION.

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

Spec Gravity:1.170 (WATER=1)

Viscosity:CA. 14000.0 CENTIPOISE

Solubility in Water:NIL

Appearance and Odor:TRANSPARENT LIQUID/EPOXY ODOR

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

Stability Indicator/Materials to Avoid:YES
STRONG ACIDS, STRONG OXIDIZING AG

ENTS.

Stability Condition to Avoid:HEAT IS GENERATED DURING CURE. DO NOT CURE A MASS LARGER THAN 50 GRAMS IN A CONFINED SPACE TO PREVENT A PREMATURE REACTION (EXOTHERM) WITH PRODUCTION OF INTENSE HEAT AND SMOKE.

Hazardous Decomposition Products:CO, CO2, ALDEHYDES, KETONES, HYDROCARBONS, TOXIC VAPORS, GASES OR PARTICULATES.

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

Toxicological Information:*OTHER: EXPOSURE TO THIS MATERIAL IN NORMAL STORAGE AND HANDLING HAS NOT BEEN REPORTED TO CAUSE SIGNIFICANT ADVERSE HEALTH EFFECTS. HOWEVER, UNDER NORMAL PROCESSING CONDITIONS, E.G. GRINDING OR HEATING, THIS PRODUCT MAY RELEASE FUMES AND VAPORS OF VARIABLE COMPOSITION BASED ON SPECIFIC PROCESS CONDITIONS. THESE PROCESS RELEASES MAY PRODUCE IRRITATION OR ANY OF THE HEALTH EFFECTS LISTED ABOVE WHEN THE EMISSIONS ARE PRESENT AT ELEVATED CONCENTRATIONS. USE WITH APPROPRIATE LOCAL EXHAUST VENTILATION.

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

Waste Disposal Methods:CURE PRODUCT ACCORDING TO PRODUCT INSTRUCTIONS. INCINERATE UNCURED WASTE IN AN INDUSTRIAL OR COMMERCIAL INCINERATOR. DISPOSE OF COMPLETELY CURED (OR POLYMERIZED) MATERIAL IN A SANITARY LANDFILL.

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

State Regulatory Information:NFPA HAZARD CODES:HEALTH:1,FIRE:0,REACTIVITY:1,EPCRA HAZARD:FIRE:NO,PRESSURE:NO,REACTIVITY:NO,ACUTE:YES,CHRONIC:YES INFORMATION BELIEVED CORRECT AS OF DATE ISSUED.3M MAKES NO WARRANTIES.EXPRESSED/IMPLIED.INCLUDING,BUT NOT LIMITED-IMPLIED WARRANTY OF MERCHANTABILITY/FITNESS FOR PURPOSE/COURSE OF PERFORMANCE/USAGE OF TRADE.USER RESPONSIBLE FOR DETERMINING IF FIT FOR PURPOSE&SUITABLE FOR METHOD OF APPLICATION.**

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

Disclaimer (provided with this information by the compiling agencies): This information is formulated for use by elements of the Department

ent
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.