



# MATERIAL SAFETY DATA SHEET

Consumer Products Division, Division of Borden, Inc.  
180 EAST BROAD STREET, COLUMBUS, OHIO 43215

Emergency Telephone  
(614) 457-5200  
OPERATION ALERT

001017

#020453

THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 REQUIRES THAT THE INFORMATION CONTAINED ON THIS SHEET BE MADE AVAILABLE TO YOUR WORKERS.

INSTRUCT YOUR WORKERS TO HANDLE THIS PRODUCT PROPERLY

NAME: **ELMER'S EPOXY GLUE, REGULAR PART 1**  
TYPE: **EPOXY RESIN COMPOUND PART 1**  
APPLICATION: **GENERAL PURPOSE WATER RESISTANT ADHESIVE; ITEM E-601 (Part 1)**

15-Apr-86

### SIGNAL WORD—CAUTION!

THIS MATERIAL IS A "HEALTH HAZARD" AND/OR A "PHYSICAL HAZARD" AS DETERMINED WHEN REVIEWED ACCORDING TO THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION 29 CFR PART 1910.1200 "HAZARD COMMUNICATION" STANDARD.

### CHEMICAL HAZARD RATING

HEALTH=2(MODERATE)

FIRE=1(SLIGHT)

REACTIVITY=0(LEAST)

CHRONIC=\*

### HANDLING PRECAUTIONS

INHALATION: AVOID BREATHING VAPOR.

USE WITH ADEQUATE VENTILATION.

EYES: AVOID PROLONGED OR REPEATED CONTACT WITH EYES. HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE AND REMOVAL OF THE MATERIAL FROM EYES, SKIN AND CLOTHING.

WASH THOROUGHLY AFTER HANDLING.

IF AIRBORNE CONTAMINANTS ARE GENERATED WHEN THE MATERIAL IS HEATED OR HANDLED, SUFFICIENT VENTILATION IN VOLUME AND AIR FLOW PATTERN SHOULD BE PROVIDED TO KEEP AIR CONTAMINANT CONCENTRATION LEVELS BELOW ACCEPTABLE CRITERIA.

### 29CFR1910.1200 HAZARDOUS INGREDIENTS/REPORTED HEALTH EFFECTS CAS REGISTRY NO. MATERIAL DESCRIPTION

#### 7631-86-9 SILICON DIOXIDE

OVEREXPOSURE MAY CAUSE LUNG FIBROSIS.  
ACGIH TLV: 6 MG/M3 TOTAL, 3 MG/M3 RESPIR.  
OSHA PEL: SEE 29 CFR 1910.1000, TABLE Z-3  
NIOSH DOCUMENT NUMBER: 75-120

#### 9072-62-2 EPICHLOROHYDRIN-POLYPROPYLENE GLYCOL COPOLYMER

MAY CAUSE ALLERGIC SKIN REACTION.

#### 25068-38-6 4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROHYDRIN COPOLYMER

MAY CAUSE ALLERGIC SKIN REACTION.

### PHYSICAL DATA

SPECIFIC GRAVITY 1.1  
PERCENT VOLATILES 0  
SOLUBILITY IN WATER INSOLUBLE  
APPEARANCE OPAQUE LIQUID  
ODOR BLAND

### ACUTE HEALTH HAZARD DATA

SKIN ABSORPTION: NOT TOXIC DERMALLY WHEN TESTED AS DESCRIBED IN 16 CFR PART 1500.3 (c) (1) AND (2).  
INGESTION: NOT TOXIC ORALLY WHEN TESTED AS DESCRIBED IN 16 CFR PART 1500.3 (c) (1) AND (2).  
INHALATION: MAY BE HARMFUL IF INHALED. LIQUID OR VAPOR CAN CAUSE IRRITATION OF NOSE, THROAT AND LUNGS.  
SKIN: NOT AN IRRITANT WHEN TESTED AS DESCRIBED IN 16 CFR PART 1500.41.  
EYES: MAY CAUSE IRRITATION.

### EMERGENCY AND FIRST AID PROCEDURES

INTERNAL: IF SWALLOWED, INDUCE VOMITING IMMEDIATELY BY GIVING TWO GLASSES OF WATER AND STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CALL A PHYSICIAN.

INHALATION: REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.

EYE CONTACT: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. EYELIDS SHOULD BE HELD APART DURING IRRIGATION TO INSURE WATER CONTACT WITH ENTIRE SURFACE OF EYES AND LIDS. IF IRRITATION PERSISTS, CALL A PHYSICIAN.

### FIRE AND EXPLOSION HAZARD DATA

WILL BURN.

IN CASE OF FIRE, USE WATER SPRAY, DRY CHEMICAL, FOAM OR CO2. USE WATER TO KEEP FIRE-EXPOSED CONTAINERS COOL.

### REACTIVITY DATA

NORMALLY STABLE AS DEFINED IN NFPA 704-12 (4-3.1).

SEE REVERSE SIDE

**SPECIAL PROTECTION INFORMATION**

710100

WHERE AIR CONTAMINANTS CAN EXCEED ACCEPTABLE CRITERIA, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT. RESPIRATORS SHOULD BE SELECTED BASED ON THE FORM AND CONCENTRATION OF CONTAMINANTS IN AIR IN ACCORDANCE WITH OSHA 29 CFR 1910.134 OR OTHER APPLICABLE STANDARDS OR GUIDELINES.

WEARING SAFETY GLASSES, SAFETY SHOES, HARD HATS AND SUITABLE CLOTHING IS STANDARD PRACTICE IN MANY INDUSTRIAL OPERATIONS.

ENGINEERING CONTROLS: THE FOLLOWING EXPOSURE CONTROL TECHNIQUES MAY BE USED TO EFFECTIVELY MINIMIZE EMPLOYEE EXPOSURE: LOCAL EXHAUST VENTILATION, ENCLOSED SYSTEM DESIGN, PROCESS ISOLATION AND REMOTE CONTROL IN COMBINATION WITH APPROPRIATE USE OF PERSONAL PROTECTIVE EQUIPMENT AND PRUDENT WORK PRACTICES. THESE TECHNIQUES MAY NOT NECESSARILY ADDRESS ALL ISSUES PERTAINING TO YOUR OPERATIONS. WE, THEREFORE, RECOMMEND THAT YOU CONSULT WITH EXPERTS OF YOUR CHOICE TO DETERMINE WHETHER OR NOT YOUR PROGRAMS ARE ADEQUATE.

**SPILL OR LEAK PROCEDURES**

SOAK UP WITH ABSORBENT MATERIAL AND REMOVE TO A CHEMICAL DISPOSAL AREA.  
PREVENT ENTRY INTO NATURAL BODIES OF WATER.

**WASTE DISPOSAL METHOD**

RECOVER FREE LIQUID. ABSORB RESIDUE AND DISPOSE OF ACCORDING TO LOCAL, STATE, AND FEDERAL REQUIREMENTS.

**STORAGE PRECAUTIONS**

KEEP CONTAINER CLOSED.  
STORE IN A COOL, DRY PLACE.

**DOT CLASSIFICATION**

NOT REGULATED.

ED-601 B (Part 1)

**DISCLAIMER**

SELLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, CONCERNING THE PRODUCT OR THE MERCHANTABILITY OR FITNESS THEREOF FOR ANY PURPOSE OR CONCERNING THE ACCURACY OF ANY INFORMATION PROVIDED BY BORDEN, except that the product shall conform to contracted specifications, and that the product does not infringe any valid United States patent. The information provided herein was believed by Borden to be accurate at the time of preparation or prepared from sources believed to be reliable, but it is the responsibility of the user to investigate and understand other pertinent sources of information, to comply with all laws and procedures applicable to the safe handling and use of product and to determine the suitability of the product for its intended use. Buyer's exclusive remedy shall be for damages and no claim of any kind, whether as to product delivered or for non-delivery of product, and whether based on contract, breach of warranty, negligence or otherwise shall be greater in amount than the purchase price of the quantity of product in respect of which damages are claimed. In no event shall Seller be liable for incidental or consequential damages, whether Buyer's claim is based on contract, breach of warranty, negligence or otherwise.