



IF IT'S BORDEN-IT'S
GOT TO BE GOOD

MATERIAL SAFETY DATA SHEET

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

87786

Emergency Telephone
(614) 431-6600

Pg. 1

020453

THE OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200 REQUIRES THAT THE INFORMATION CONTAINED ON THESE SHEETS BE MADE AVAILABLE TO YOUR WORKERS. INSTRUCT YOUR WORKERS TO HANDLE THIS PRODUCT PROPERLY.

ATTN: SAFETY DIRECTOR

NON-EMERGENCY TELEPHONE
800-848-9400 (MSDS, ORDERS)
614-431-6680 (TECH. INFO)

DESCRIPTION: ELMER'S REGULAR EPOXY, RESIN PHASE
PRODUCT TYPE: EPOXY RESIN COMPOUND
APPLICATION: E601PART1.

PAGE 1
CUR ISS 01-MAY-91

SIGNAL WORD
CAUTION!

This material presents possible health hazards 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=1(slight)
FIRE=1(slight)
REACTIVITY=0(least)
CHRONIC=*

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

The ingredients listed below have been associated with one or more of the listed immediate and/or delayed(*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING OR HANDLING, READ AND UNDERSTAND THE MSDS.

9072-62-2 *EPICHLOROHYDRIN-POLYPROPYLENE GLYCOL COPOLYMER 10-30

May cause allergic skin reaction.
-- See Footnote C.
ACGIH TLV: NONE ESTABLISHED
OSHA PEL: NONE ESTABLISHED

25068-38-6 *4,4'-ISOPROPYLIDENEDIPHENOL-EPICHLOROHYDRIN COPOLYMER >70

May cause allergic skin reaction.
-- See Footnote C.
ACGIH TLV: NONE ESTABLISHED
OSHA PEL: NONE ESTABLISHED

READ NEXT PAGE

DISCLAIMER—SEE REVERSE SIDE

87786



IF IT'S BORDEN-IT'S
GOT TO BE GOOD

MATERIAL SAFETY DATA SHEET 87784

Emergency Telephone
(614) 431-6600

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

DESCRIPTION: ELMER'S REGULAR EPOXY, RESIN PHASE
PRODUCT TYPE: EPOXY RESIN COMPOUND
APPLICATION: E601PART1.

PAGE 2
CUR ISS 01-MAY-91

29CFR1910.1200 HAZARDOUS INGREDIENTS/REPORTED HEALTH EFFECTS	% RANGE
CAS/REGISTRY NO.	MATERIAL DESCRIPTION
112945-52-5	SILICA, AMORPHOUS, FUMED, CRYST.-FREE
	5-10

-- See Footnote C.

ACGIH TLV: SILICA, TOTAL DUST 10 MG/M3 TWA
OSHA PEL: 6 MG/M3 TWA

Footnote C: As of the date of issuance of this document, this material has not been listed by NTP, IARC or OSHA as a carcinogen.

PHYSICAL DATA

PERCENT VOLATILES	NEGLIGIBLE
pH AT 25 C	NOT AVAILABLE
SPECIFIC GRAVITY	1.2
APPEARANCE	TRANSLUCENT PASTE
AUTOIGNITION TEMPERATURE	NOT AVAILABLE
BOILING POINT	NOT AVAILABLE
VAPOR DENSITY (AIR=1)	NOT AVAILABLE
VAPOR PRESSURE, MM HG @ 20 DEG C	NOT AVAILABLE
EVAPORATION RATE (BUTYL ACETATE=1)	NOT APPLICABLE
UP/LOW FLAMMABLE LIMITS	NOT AVAILABLE
FLASH POINT	> 200 DEGREES C (PMCC)
FREEZING POINT	NOT AVAILABLE
ODOR	MILD
ODOR THRESHOLD, PPM	NOT AVAILABLE
SOLUBILITY IN WATER	NEGLIGIBLE
VOC CALCULATED	NEGLIGIBLE
COEFFICIENT OF WATER/OIL DISTRIB.	NOT AVAILABLE

IMMEDIATE 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: Not expected to be harmful under normal conditions of use. However, if allowed to become airborne, may 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 on prolonged or repeated contact.

READ NEXT PAGE



IF IT'S BORDEN-IT'S
GOT TO BE GOOD

MATERIAL SAFETY DATA SHEET 87786 Emergency Telephone
(614) 431-6600

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

DESCRIPTION: ELMER'S REGULAR EPOXY, RESIN PHASE
PRODUCT TYPE: EPOXY RESIN COMPOUND
APPLICATION: E601PART1.

PAGE 3
CUR ISS 01-MAY-91

=====

HANDLING PRECAUTIONS

INHALATION: Avoid prolonged or repeated breathing of vapor.
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.

=====

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control center or hospital emergency room for any other additional treatment directions.
INHALATION: Remove to fresh air.
EYE CONTACT: Immediately flush eyes with plenty of water. Call a physician if irritation persists.

=====

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).
Hazardous polymerization:
Will not occur.
Incompatibilities:
Oxidizers, acids.
Other Hazards:
None known to Borden.
Decomposition products may include:
CO, aldehydes, organic acids and oxides of nitrogen

=====

CONTROL MEASURES

If airborne contaminants are generated when the material is heated or handled, sufficient ventilation in volume and air flow patterns should be provided to keep air contaminant concentration levels below acceptable criteria.

=====

PERSONAL PROTECTION INFORMATION

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



IF ITS BORDEN-ITS
GOT TO BE GOOD

MATERIAL SAFETY DATA SHEET 87786

Emergency Telephone
(614) 431-6600

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

DESCRIPTION: ELMER'S REGULAR EPOXY, RESIN PHASE
PRODUCT TYPE: EPOXY RESIN COMPOUND
APPLICATION: E601PART1.

PAGE 4
CUR ISS 01-MAY-91

PERSONAL PROTECTION INFORMATION

accordance with OSHA 29 CFR 1910.134 or other
applicable standards or guidelines.

SPILL OR LEAK PROCEDURES

Sweep (scoop) up and remove to a chemical disposal
area.
Prevent entry into natural bodies of water.

WASTE DISPOSAL

Dispose of according to local, state/provincial, and
federal requirements.

STORAGE PRECAUTIONS

Store in a cool, dry place.
Keep containers tightly closed.

DOT CLASSIFICATION

Not Regulated.

060 E601PART1 PREVIOUS ISSUE:13-NOV-90 CURRENT ISSUE:01-MAY-91
PRINT DATE: 23-May-91 09:09 AM

THIS IS THE LAST PAGE