

[5854-00]



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

# MATERIAL SAFETY DATA SHEET

Borden, Inc.

Packaging and Industrial Products Division

180 EAST BROAD STREET, COLUMBUS, OHIO 43215

23821-1002

Emergency Telephone  
(614) 431-6600

5854-00

K 77738

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 STIX-ALL  
PRODUCT TYPE: SILICONE ELASTOMER  
APPLICATION: E650.

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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=0 (least)  
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.

7631-86-9 \*SILICA  
NOTE REVISED OSHA PEL

10-30

Can cause lung fibrosis. Pre-existing respiratory disorders may be aggravated by exposure.

-- See Footnote C.

ACGIH TLV: AS AMORPHOUS SILICA, TOTAL DUST 10 MG/M<sup>3</sup> TWA  
OSHA PEL: AS AMORPHOUS SILICA 6 MG/M<sup>3</sup> TWA  
NIOSH DOCUMENT NUMBER: 75-120

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.

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## PHYSICAL DATA

PERCENT VOLATILES	4
PH @ 25 C	NOT AVAILABLE
SPECIFIC GRAVITY	1.08
APPEARANCE	CLOUDY COLORED PASTE
AUTOIGNITION TEMPERATURE	NOT AVAILABLE
BOILING POINT	NOT APPLICABLE
VAPOR DENSITY (AIR=1)	> 1
VAPOR PRESSURE, MM HG @ 20 C	NOT APPLICABLE
EVAPORATION RATE (BUTYL ACETATE=1)	NOT APPLICABLE
UP/LOW FLAMMABLE LIMITS	NOT APPLICABLE
UP/LOW EXPLOSIVE LIMITS, % BY VOL.	NOT APPLICABLE
FLASH POINT	NOT APPLICABLE
FREEZING POINT	NOT AVAILABLE
ODOR	ACETIC ACID
ODOR THRESHOLD, PPM	NOT AVAILABLE
SOLUBILITY IN WATER	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, overexposure may cause central nervous system depression. Also, if allowed to become airborne, may cause irritation of nose, throat and lungs. Not toxic by inhalation when tested as described in 16 CFR Part 1500.3 (c) (1) and (2).  
SKIN: Not an irritant when tested as described in 16 CFR Part 1500.41.  
EYES: Not an irritant when tested as described in 16 CFR Part 1500.42.

## HANDLING PRECAUTIONS

INHALATION: Avoid prolonged or repeated breathing of vapor.  
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.

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### EMERGENCY AND FIRST AID PROCEDURES

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 not burn unless water has evaporated.

In case of fire, water should be used 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:

None known to Borden.

Other Hazards:

Liberates acetic acid on curing.

Decomposition products may include:

Oxides of carbon and silicon.

### 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 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.

Exposure to small amounts of moisture, even moisture

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## STORAGE PRECAUTIONS

in air, causes polymerization and renders the product unusable.

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## DOT CLASSIFICATION

Not Regulated.

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SARA TITLE III SECTION 313  
AND 40 CFR Part 372  
TOXIC CHEMICAL NOTIFICATION SHEET

ELMER'S STIX-ALL

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

CAS Registry  
Number

Chemical Name

Pct. B  
Weight

None required per SARA TITLE III SECTION 313

This Toxic Chemical Notification Sheet must not be detached from the Material Safety Data Sheet (MSDS). Any copying and redistribution of the MSDS shall include copying and redistribution of this notification sheet attached to copies of the MSDS subsequently redistributed.

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PRINT DATE: 05-Oct-92 10:02

#### 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.