



MATERIAL SAFETY DATA SHEET

Emergency Telephone (614) 431-6600

Borden, Inc.

Packaging and Industrial Products Division

180 EAST BROAD STREET, COLUMBUS, OHIO 43215

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

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 GLUE-ALL PRODUCT TYPE: PVAC BASED ADHESIVE APPLICATION: E371, E372, E375, E379, E384, E393, E395, E960. PAGE 1 CUR ISS 04-JAN-93

SIGNAL WORD

This material is not a "health hazard" 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=0(least) FIRE=0(least) REACTIVITY=0(least)

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

None known to Borden.

PHYSICAL DATA

PERCENT VOLATILES 56 PH @ 25 C 4.7 SPECIFIC GRAVITY 1.08 APPEARANCE MILKY WHITE LIQUID AUTOIGNITION TEMPERATURE NOT AVAILABLE BOILING POINT 100 deg C VAPOR DENSITY (AIR=1) < 1 VAPOR PRESSURE, MM HG @ 20 C 17.5 EVAPORATION RATE (BUTYL ACETATE=1) < 1 UP/LOW FLAMMABLE LIMITS NOT APPLICABLE UP/LOW EXPLOSIVE LIMITS, % BY VOL. NOT APPLICABLE FLASH POINT NOT APPLICABLE FREEZING POINT 0 deg C ODOR MILD ACETIC AROMA ODOR THRESHOLD, PPM NOT AVAILABLE SOLUBILITY IN WATER DISPERSIBLE COEFFICIENT OF WATER/OIL DISTRIB. NOT AVAILABLE

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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 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

Handle in accordance with good industrial hygiene and safety practices.

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.
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:
Strong acids and alkaline materials.
Other Hazards:
None known to Borden.
Decomposition products may include:
CO, CO2.

CONTROL MEASURES

No special control measures necessary under normal conditions of use.

PERSONAL PROTECTION INFORMATION

No special protection necessary.

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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

Recover free liquid. Absorb residue and dispose of according to local, state/provincial, and federal requirements.

STORAGE PRECAUTIONS

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

DOT CLASSIFICATION

Not Regulated.

060 E375 PREVIOUS ISSUE:28-OCT-92 CURRENT ISSUE:04-JAN-93
PRINT DATE: 06-Jan-93 10:50 AM

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

ELMER'S GLUE-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. By Weight
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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.

060 E375

PRINT DATE: 06-Jan-93 10:50 AM

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.