



MATERIAL SAFETY DATA SHEET

Emergency Telephone
(614) 431-6600 #142796

Borden, Inc.
Packaging and Industrial Products Division
180 EAST BROAD STREET, COLUMBUS, OHIO 43215

IF ITS BORDEN-ITS
GOT TO BE GOOD

142774 #142803
142785

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.

X
ATTN: NON-EMERGENCY TELEPHONE
X 800-848-9400 (MSDS, ORDER)
X, 614-431-6680 (TECH. INFO)

DESCRIPTION: ELMER'S CARPENTERS WOOD GLUE
PRODUCT TYPE: PVAC BASED ADHESIVE
APPLICATION: E614, E700, E701, E702, E704, E705, E706, E970. PAGE 1
CUR ISS 07-DEC-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=1(slight)
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 48
PH @ 25 C 5.0
SPECIFIC GRAVITY 1.08
APPEARANCE LIGHT YELLOW 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

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

READ NEXT PAGE



IF IT'S BORDEN-ITS
GOT TO BE GOOD

MATERIAL SAFETY DATA SHEET

Emergency Telephone
(614) 431-6600

Borden, Inc.
Packaging and Industrial Products Division
180 EAST BROAD STREET, COLUMBUS, OHIO 43215

142803 pg 2

PAGE 2

DESCRIPTION: ELMER'S CARPENTERS WOOD GLUE
PRODUCT TYPE: PVAC BASED ADHESIVE
APPLICATION: E614, E700, E701, E702, E704, E705, E706, E970.

CUR ISS 07-DEC-93

=====

IMMEDIATE HEALTH HAZARD DATA

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. 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.

=====

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 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

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.

=====

READ NEXT PAGE



MATERIAL SAFETY DATA SHEET

Emergency Telephone
(614) 431-6600

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

Borden, Inc.
Packaging and Industrial Products Division
180 EAST BROAD STREET, COLUMBUS, OHIO 43215

DESCRIPTION: ELMER'S CARPENTERS WOOD GLUE
PRODUCT TYPE: PVAC BASED ADHESIVE
APPLICATION: E614, E700, E701, E702, E704, E705, E706, E970.
PAGE 3
CUR ISS 07-DEC-93

PERSONAL PROTECTION INFORMATION
No special protection necessary.

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.

TRANSPORT INFORMATION
Not Regulated.

060 E700.B PREVIOUS ISSUE: CURRENT ISSUE: 07-DEC-93
PRINT DATE: 09-Dec-93 04:02 PM



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

MATERIAL SAFETY DATA SHEET

Emergency Telephone
(614) 431-6600

Borden, Inc.
Packaging and Industrial Products Division
180 EAST BROAD STREET, COLUMBUS, OHIO 43215

142803 ps 4

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

ELMER'S CARPENTERS WOOD GLUE

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
---------------------	---------------	----------------

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 E700.B

PRINT DATE: 09-Dec-93 04:0 PM

142803 pg 5

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.