



MATERIAL SAFETY DATA SHEET

Emergency Telephone  
(614) 431-8600

It's Borden-ite  
GOT TO BE GOOD

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

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 SCHOOL GLUE (GEL)  
PRODUCT TYPE: PVA BASED ADHESIVE.  
APPLICATION: E354.

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	85
PH @ 25 C	5
SPECIFIC GRAVITY	1.02
APPEARANCE	BLUE PASTE
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
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

DISCLAIMER—SEE REVERSE SIDE

22770

22770

pg. 2



**MATERIAL SAFETY DATA SHEET**

Emergency Telephone  
(814) 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 SCHOOL GLUE GEL  
**PRODUCT TYPE:** PVA BASED ADHESIVE.  
**APPLICATION:** E364.

PAGE 2  
CUR ISS 04-JAN-93

-----  
**IMMEDIATE HEALTH HAZARD DATA**

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:**  
None known to Borden.  
**Other Hazards:**  
None known to Borden.  
**Decomposition products may include:**  
Oxides of carbon.

-----  
**CONTROL MEASURES**

No special control measures necessary under normal conditions of use.

-----  
**PERSONAL PROTECTION INFORMATION**

No special protection necessary.

-----  
**SPILL OR LEAK PROCEDURES**

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

-----  
READ NEXT PAGE

DISCLAIMER--SEE REVERSE SIDE

22770

pg. 3



**MATERIAL SAFETY DATA SHEET**

Emergency Telephone  
(614) 431-6800

IF IT'S BORDEN-ITS  
GO TO BE GOOD

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

DESCRIPTION: ELMER'S SCHOOL GLUE GEL  
PRODUCT TYPE: PVA BASED ADHESIVE.  
APPLICATION: E364.

PAGE 3  
CUR ISS 04-JAN-93

-----  
**WASTE DISPOSAL**

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 E364                      PREVIOUS ISSUE:06-NOV-92      CURRENT ISSUE:04-JAN-93  
PRINT DATE: 06-Jan-93 10:50 AM

THIS IS THE LAST PAGE

DISCLAIMER—SEE REVERSE SIDE

**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.**