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# MATERIAL SAFETY DATA SHEET

44 109 #163  
Emergency Telephone 1  
(614) 431-6600  
97-1194  
97-1195  
97-1196  
97-1197  
97-1198  
97-1199

It's Borden-It's  
Gotta Be Good

Borden, Inc.  
Consumer 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 GLUE-ALL  
PRODUCT TYPE: PVAC BASED ADHESIVE  
APPLICATION: E371NR, E372NR, E375NR, E379NR, E384NR, E395NR.

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### 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	% RANG
None known to Borden.		

### PHYSICAL DATA

PERCENT VOLATILES	56
pH AT 25 C	4.7
SPECIFIC GRAVITY	1.08
APPEARANCE	MILKY WHITE LIQUID
AUTOIGNITION TEMPERATURE	NOT AVAILABLE
BOILING POINT	100 DEGREES C
VAPOR DENSITY (AIR=1)	< 1
VAPOR PRESSURE, MM HG @ 20 DEG C	17.5
EVAPORATION RATE (BUTYL ACETATE=1)	< 1
UP/LOW FLAMMABLE LIMITS	NOT APPLICABLE
FLASH POINT	NOT APPLICABLE
FREEZING POINT	0 DEGREES C
ODOR	MILD ACETIC AROMA
ODOR THRESHOLD, PPM	NOT AVAILABLE
SOLUBILITY IN WATER	DISPERSIBLE
VOC CALCULATED	33 GM/L
COEFFICIENT OF WATER/OIL DISTRIB.	NOT AVAILABLE

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IF ITS BORDEN-ITS  
GOT TO BE GOOD

# MATERIAL SAFETY DATA SHEET

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

Emergency Telephone  
(614) 431-6606

DESCRIPTION: ELMER'S GLUE-ALL  
PRODUCT TYPE: PVAC BASED ADHESIVE  
APPLICATION: E371NR, E372NR, E375NR, E379NR, E384NR, E395NR.

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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.

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**HANDLING PRECAUTIONS**

Handle in accordance with good industrial hygiene and safety practices.

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**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.

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**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.

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**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.

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**CONTROL MEASURES**

No special control measures necessary under normal conditions of use.

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**PERSONAL PROTECTION INFORMATION**

No special protection necessary.  
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