



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

MATERIAL SAFETY DATA SHEET

#22785

Emergency Telephone (614) 431-6600

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

#233456

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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 MUCILAGE PRODUCT TYPE: PVA BASED ADHESIVE APPLICATION: E390.

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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=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 85 pH AT 25 C 4.5 SPECIFIC GRAVITY 1.03 APPEARANCE CARAMEL 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 SLIGHTLY BLAND ODOR THRESHOLD, PPM NOT AVAILABLE SOLUBILITY IN WATER DISPERSIBLE VDC CALCULATED 130 GM/L COEFFICIENT OF WATER/OIL DISTRIB. NOT AVAILABLE

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DISCLAIMER—SEE REVERSE SIDE



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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 expected to be harmful under normal conditions of use. However, if allowed to become airborne, may cause irritation of nose, throat and lungs.
SKIN: May cause irritation on prolonged or repeated contact. Not a primary irritant (primary skin irritation index less than 5.0/8.0) 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

INHALATION: Avoid prolonged or repeated breathing of vapor.
SKIN: Persons with sensitive skin should avoid prolonged, continuous contact with skin. If irritation develops, discontinue use.
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.
INHALATION: Remove to fresh air.
SKIN CONTACT: In case of irritation, flush with water.
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 oxidizers.
Other Hazards:
None known to Borden.
Decomposition products may include:

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Oxides of carbon.
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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

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.

DOT CLASSIFICATION

Not Regulated.

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