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 RUBBER CEMENT
PRODUCT TYPE: NATURAL RUBBER
APPLICATION: E904.

SIGNAL WORD
DANGER!

This material is a "health hazard" and/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 = 4 (extreme)
REACTIVITY = 0 (least)
CHRONIC = *

29CFR1910.1200 HAZARDOUS INGREDIENTS/REPORTED HEALTH EFFECTS

<table>
<thead>
<tr>
<th>CAS/REGISTRY NO.</th>
<th>MATERIAL DESCRIPTION</th>
<th>% RANGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0</td>
<td>*ISOPROPOANOL</td>
<td>1-5</td>
</tr>
</tbody>
</table>

Suspect reproductive hazard. May cause reproductive disorders based on animal data. May cause liver damage based on animal data. May cause kidney damage based on animal data. Can cause central nervous system depression. Signs and symptoms may include headache, dizziness, nausea, vomiting, unconsciousness and even asphyxiation. See Footnote C.

ACGIH TLV: 400 PPM (983 MG/M³) TWA; 500 PPM (1230 MG/M³) STEL
OSHA PEL: 400 PPM (980 MG/M³) TWA; 500 PPM (1225 MG/M³) STEL
NIOSH DOCUMENT NUMBER: 76-142

READ NEXT PAGE

DISCLAIMER—SEE REVERSE SIDE
MATERIAL SAFETY DATA SHEET

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

DESCRIPTION: ELMER'S RUBBER CEMENT
PRODUCT TYPE: NATURAL RUBBER
APPLICATION: E904.

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

142-82-5 HEPTANE
NOTE REVISED OSHA PEL

Can cause central nervous system depression. Signs and symptoms may include headache, dizziness, nausea, vomiting, unconsciousness and even asphyxiation.
-- See Footnote C.
ACGIH TLV: 400 PPM (1640 MG/M³) TWA; 500 PPM (2050 MG/M³) STEL
OSHA PEL: 400 PPM (1500 MG/M³) TWA; 500 PPM (2000 MG/M³) STEL
NIOSH DOCUMENT NUMBER: 77-151

Footnote C: As of the date of issuance of this document, this material has not been listed by NTP, IARC or OSHA as a carcinogen.

PHYSICAL DATA
PERCENT VOLATILES 90
PH @ 25 C NOT AVAILABLE
SPECIFIC GRAVITY 0.71
APPEARANCE OPAQUE LIQUID
AUTOIGNITION TEMPERATURE NOT AVAILABLE
BOILING POINT 90 deg C
VAPOR DENSITY (AIR=1) > 1
VAPOR PRESSURE, MM HG @ 20 C NOT AVAILABLE
EVAPORATION RATE (BUTYL ACETATE=1) < 1 --- (ETHER=1)
UP/LOW FLAMMABLE LIMITS NOT AVAILABLE
UP/LOW EXPLOSIVE LIMITS, % BY VOL. NOT AVAILABLE/1
FLASH POINT -10 deg C (TCC)
FREEZING POINT NOT AVAILABLE
ODOR MILD SOLVENT
ODOR THRESHOLD, PPM NOT AVAILABLE
SOLUBILITY IN WATER NEGLIGIBLE
COEFFICIENT OF WATER/OIL DISTRIBUT. NOT AVAILABLE

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, overexposure may cause
central nervous system depression. Also, 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: May cause irritation on prolonged or repeated

READ NEXT PAGE...
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PRODUCT TYPE: NATURAL RUBBER
APPLICATION: E904.

IMMEDIATE HEALTH HAZARD DATA

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: May cause irritation on prolonged or repeated contact. Slightly irritating when tested as described in 16 CFR Part 1500.42.

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.
EYES: Avoid prolonged or repeated contact with eyes.
Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes, skin and clothing.
Wash thoroughly after handling.

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.

FIRE AND EXPLOSION HAZARD DATA

EXTREMELY FLAMMABLE LIQUID AND VAPOR.
Keep liquid and vapor away from heat, sparks, flame and other ignition sources including, but not limited to, pilot lights, heaters, cigarettes, electric motors and static discharge. Vapor is heavier than air and may settle in low places or travel outward to a source of ignition and flashback.
In case of fire, use water spray, dry chemical, foam or CO2. Use water 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:

READ NEXT PAGE

DISCLAIMER—SEE REVERSE SIDE
Acids, bases, amines.
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.

PERSONAL PROTECTION INFORMATION
Where air contaminants can exceed acceptable criteria, use NIOSH/MSHA approved respiratory protection equipment. Respirators should be selected based on the form and concentration of contaminants in air in accordance with OSHA 29 CFR 1910.134 or other applicable standards or guidelines.

SPILL OR LEAK PROCEDURES
Eliminate all ignition sources.
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.
Empty container: May contain explosive vapors. DO NOT cut, puncture or weld on or nearby.

STORAGE PRECAUTIONS
Store in a cool, dry place.
Keep containers tightly closed.
Keep away from heat, sparks, flame and other ignition sources.
Use with adequate ventilation.

DOT CLASSIFICATION
ORM-D Consumer Commodity.
MATERIAL SAFETY DATA SHEET

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

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

ELMER'S RUBBER CEMENT

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.

<table>
<thead>
<tr>
<th>CAS Registry Number</th>
<th>Chemical Name</th>
<th>Pct. By Weight</th>
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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.

PRINT DATE: 05-Oct-92 10:54 AM

DISCLAIMER—SEE REVERSE SIDE