



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

MATERIAL SAFETY DATA SHEET

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

Emergency Telephone
(614) 431-6600

83270

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.

PACIFIC FOUR SALES GROUP
ATTN: SAFETY DIRECTOR
626-120TH AVE. N.E. SUITE B102
BELLEVUE, WA 98005

NON-EMERGENCY TELEPHONE
800-848-9400 (MSDS, ORDERS)
614-431-6680 (TECH. INFO)

DESCRIPTION: ELMER'S GLUCOLORS (WHITE)
PRODUCT TYPE: PVAC BASED ADHESIVE
APPLICATION: E572NR.

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SIGNAL WORD
CAUTION!

This material presents possible health hazards as determined when reviewed according to the requirements of the Occupational Safety and Health Administration 29 CFR Part 1910.1200 "Hazard Communication" Standard.

82370

CHEMICAL HAZARD RATING
HEALTH=1(slight)
FIRE=0(least)
REACTIVITY=0(least)
CHRONIC=*

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

The ingredients listed below have been associated with one or more of the listed immediate and/or delayed(*) health hazards. Risk of damage and effects depends upon duration and level of exposure. BEFORE USING OR HANDLING, READ AND UNDERSTAND THE MSDS.

13463-67-7 *TITANIUM DIOXIDE
NOTE REVISED OSHA PEL

1-5

Can cause lung fibrosis. Pre-existing respiratory disorders may be aggravated by exposure.

-- See Footnote C.

ACGIH TLV: TOTAL DUST 10 MG/M³ TWA
OSHA PEL: TOTAL DUST 10 MG/M³ TWA

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.

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PHYSICAL DATA

PERCENT VOLATILES	38.5
PH @ 25 C	5.0
SPECIFIC GRAVITY	1.09
APPEARANCE	WHITE 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 ODOR
ODOR THRESHOLD, PPM	NOT AVAILABLE
SOLUBILITY IN WATER	DISPERSIBLE
COEFFICIENT OF WATER/OIL DISTRIB.	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 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 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.

HANDLING PRECAUTIONS

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. 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.

SKIN CONTACT: In case of irritation, flush with

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EMERGENCY AND FIRST AID PROCEDURES

water.
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

No special control measures necessary under normal conditions of use.

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

ELMER'S GLUCOLORS (WHITE)

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 E572NR.A

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