

MATERIAL SAFETY DATA SHEET

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements

U.S. DEPARTMENT OF LABOR

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)

F S PROCESS

SECTION I

Distributor's Name

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State & ZIP Code) Telephone Number for Information

4175 SOUTH ARVILLE

(702) 876-3990

LAS VEGAS, NEVADA 89103

Date Prepared

1/22/2002

Signature of Preparer (optional)

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Recommended	% (optional) Other Limits
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*2 BUTOXYETHANOL CAS #111-76-2	25PPM	25PPM	NONE	<5%
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POTASSIUM HYDROXIDE CAS #1310-58-3	2mg/M ³	2mg/M ³	NONE	<5%
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SODIUM METASILICATE CAS #6834-92-0	15mg/M ³	10mg/M ³	NONE	<5%
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DOT CLASS: CORROSIVE LIQUIDS, N.O.S.

(POTASSIUM HYDROXIDE, MIXTURE)

HAZARD RATINGS:

HEALTH 2

8, UN1760, PG II

4-EXTREME

FIRE 0

*THIS CHEMICAL IS SUBJECT TO THE

3-HIGH

REACTIVITY

1

REPORTING REQUIREMENTS OF SECTION 313

2-MODERATE

SPECIFIC HAZARDS= N/A

SPECIFIC OF SARA TITLE III.

1-SLIGHT

0-INSIGNIFICANT

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point

212°F

Specific Gravity (H2O = 1)

1.10

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Vapor Density

N/A

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water

FORMS PINK/WHITE EMULSION

pH

13.4

Appearance and Odor

CLEAR, LIQUID WITH A MILD SOLVENT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)

NOT FLAMMABLE

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

WATER, CO², DRY CHEMICAL, OR FOAM

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT

Unusual Fire and Explosion Hazards

EXCESSIVE HEAT MAY CAUSE CAUSTIC FUMES TO BE PRODUCED

SECTION V - REACTIVITY DATA

Stability

Unstable

Stable

XXX

Conditions to Avoid

EXCESSIVE HEAT

Incompatibility (Materials to Avoid)

STRONG ACIDS AND STRONG OXIDIZING AGENTS (CHLORINE BLEACH)

Hazardous Decomposition or Byproducts

CARBON MONOXIDE OR CARBON DIOXIDE

Hazardous May Occur Conditions to Avoid

Polymerization

Will Not Occur XXX

NONE

SECTION VI - HEALTH HAZARD DATA

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	NO	YES	YES

Health Hazards (Acute and Chronic)

THIS IS A STRONGLY ALKALINE PRODUCT WHICH CAN BURN TISSUE

Emergency and First Aid Procedures

EYES: FLUSH WITH RUNNING WATER FOR 15 MINUTES RAISING THE UPPER AND LOWER EYELIDS REGULARLY IF IRRITATION PERSISTS. GET MEDICAL ATTENTION.

SKIN: WASH THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEE A DOCTOR.

INHALATION: MOVE VICTIM TO FRESH AIR.

INGESTION: DO NOT INDUCE VOMITING. DRINK WATER, MILK OR ORANGE, GRAPEFRUIT OR LEMON JUICES. GET IMMEDIATE MEDICAL ATTENTION.

NOTE: DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled

DIKE SPILL AND SOAK UP IN ABSORBENT LIKE SAND OR VERMICULITE AND PLACE IN D.O.T. APPROVED CONTAINERS.

Waste Disposal Method

CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS

Precautions to Be Taken in Handling and Storing

STORE IN A COOL, DRY AREA AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINER SEALED WHEN NOT IN USE.

Other Precautions

KEEP OUT OF REACH OF CHILDREN

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)

NOT REQUIRED WITH GOOD VENTILATION

Ventilation	Local Exhaust	Special
	IF AVAILABLE	NONE
	Mechanical (General)	Other
	IF AVAILABLE	NONE

Protective Gloves

RUBBER OR PLASTIC

Eye Protection

GLASSES, GOGGLES, OR FACE SHIELD

Other Protective Clothing or Equipment

RUBBER APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE