

**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)

SHOP FOREMAN

**SECTION I**

Distributor's Name

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(800) 424-9300

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

4175 SOUTH ARVILLE

(702) 876-3990

LAS VEGAS, NEVADA 89103

Date Prepared

3/11/98

Signature of Preparer (optional)

**SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

Hazardous Components (Specific Chemical Identity; Common Name(s))		OSHA PEL	ACGIH TLV	Recommended Other Limits	% (optional)
*2-BUTOXY ETHANOL	CAS #111-76-2	25PPM	25PPM		2%
BUTYL ETHANOATE	CAS #123-86-4	150PPM	150PPM		0.5 - 3%
PERCHLOROETHYLENE	CAS #127-18-4	50PPM	50PPM		25 - 45%
PETROLEUM DISTILLATES	CAS #64742-88-7	500PPM	100PPM		30 - 50%

DOT CLASS:

TETRACHLOROETHYLENE

(Perchloroethylene)

6.1, UN1897, PGIII

(KEEP AWAY FROM FOOD)

\*THIS CHEMICAL IS SUBJECT TO THE REPORTING  
REQUIREMENTS OF SECTION 313 SARA TITLE III

**HAZARD RATING:****4-EXTREME****3-HIGH****2-MODERATE****1-SLIGHT****0-INSIGNIFICANT****HEALTH = 1****FIRE = 2****REACTIVITY = 0****SPECIFIC HAZARDS = N/A****SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point

&gt;250°F

Specific Gravity (H2O = 1)

1.15

Vapor Pressure (mm Hg)

NOT TESTED

Melting Point

N/A

Vapor Density

NOT TESTED &gt;1

Evaporation Rate (Butyl Acetate = 1)

NOT TESTED

Solubility in Water

INSOLUBLE

pH

N/A

Appearance and Odor

CLEAR, MEDIUM BROWN LIQUID WITH PETROLEUM OIL ODOR

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used)

154°F T.C.C.

Flammable Limits

N/A

LEL

1%

UEL

7%

Extinguishing Media

WATER, FOG, FOAM, DRY CHEMICAL, OR CO<sup>2</sup>. DO NOT USE DIRECT STREAM OF WATER

Special Fire Fighting Procedures

COMBUSTIBLE. DO NOT ENTER AREA WITHOUT FULL BUNKER GEAR, INCLUDING SELF-

## Unusual Fire and Explosion Hazards

(Reproduce locally)

OSHA 174, Sept. 1985

Stability	Unstable	Conditions to Avoid
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Stable

XXX

HEAT, SPARKS, FLAME AND STRONG OXIDIZING AGENTS

### Incompatibility (Materials to Avoid)

OXIDIZING AGENTS SUCH AS CHLORINE BLEACH, NITRIC ACID

Hazardous Decomposition or Byproducts

**Hazardous**      May Occur

## Conditions to Avoid

## Polymerization

Will Not Occur

XXX

Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	POSSIBLE	YES	YES

Health Hazards (Acute and Chronic)

CHLORINATED AND PETROLEUM SOLVENT PRODUCT IRRITATING TO EYES AND MUCOUS TISSUE.  
MILDLY IRRITATING TO THE SKIN DUE TO DEFATTING.

## Emergency and First Aid Procedures

EYES: FLUSH WITH WATER AND GET MEDICAL ATTENTION.

SKIN: WASH WITH SOAP AND WATER AND USE SKIN CREAM.

INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN IF BREATHING IS DIFFICULT. GET IMMEDIATE MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS. GET IMMEDIATE MEDICAL ATTENTION.

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

## Steps to Be Taken in Case Material is Released or Spilled

COMBUSTIBLE MATERIAL - ELIMINATE ALL IGNITION SOURCES

**SMALL SPILLS:** SOAK UP IN ABSORBENT MATERIAL AND PLACE IN APPROVED DISPOSAL CONTAINER.

**LARGE SPILLS:**    DIKE AND CONTAIN.    CONTACT HAZARDOUS WASTE DISPOSAL COMPANY TO SEAL THE CONTAINER.

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Waste Disposal Method

VACUUM AND DISPOSE. CONTACT STATE AND LOCAL AUTHORITIES FOR INFORMATION.

### Precautions to Be Taken in Handling and Storing

STORE IN COOL, DRY AREA AWAY FROM IGNITION SOURCES OR OXIDIZING AGENTS. KEEP CONTAINER SEALED WHEN NOT IN USE.

## Other Precautions

KEEP OUT OF REACH OF CHILDREN

## Respiratory Protection (Specify Type)

USE ORGANIC SOLVENT (NIOSH APPROVED) CARTRIDGES

<b>Ventilation</b>	Local Exhaust	Special
	YES	

Mechanical (General)  
YES

Other

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## Protective Gloves

RUBBER OR PLASTIC

## Eye Protection

GLASSES, GOGGLES, OR FACE SHIELD

Other Protective Clothing or Equipment

## RUBBER APRON AND BOOTS

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Work/Hygienic Practices

