

32-4072

**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)

NO PRINTS

**SECTION I**

Manufacturer's Name

Brady Industries

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

6/01/2000

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)
ISOPROPYL ALCOHOL CAS #67-63-0	400PPM	500PPM	NONE	<10%

**HAZARD RATING:**

4-EXTREME

3-HIGH

2-MODERATE

1-SLIGHT

0-INSIGNIFICANT

HEALTH

= 0

FIRE

= 1

REACTIVITY

= 0

SPECIFIC HAZARDS = N/A

**SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point

212°F

Specific Gravity (H2O = 1)

0.98

Vapor Pressure (mm Hg)

N/A

Melting Point

99.1

Vapor Density

N/A

Evaporation Rate (Butyl Acetate = 1)

1.04

Solubility in Water

COMPLETELY SOLUBLE IN WATER

pH CONC = 10.8

pH SOLUTION = 10.3

Appearance and Odor

CLEAR LIQUID WITH A MILD ODOR.

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

Flash Point (Method Used)

&lt;212 F

Flammable Limits

LEL

UEL

N/A

N/A

Extinguishing Media

SAND, DRY CHEMICAL, DRY FOAM, HALON, WATER

Special Fire Fighting Procedures

**THIS PRODUCT WILL NOT BURN OR SUPPORT COMBUSTION**

Unusual Fire and Explosion Hazards

NONE

(Reproduce locally)

OSHA 174, Sept. 1985

**SECTION V - REACTIVITY DATA**

Stability    Unstable                      Conditions to Avoid  
  
                 Stable                      XXX  
   HEAT

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous    May Occur                      Conditions to Avoid  
Polymerization  
                 Will Not Occur                      XXX  
   NONE

**SECTION VI - HEALTH HAZARD DATA**

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

Health Hazards (Acute and Chronic)

CONTACT, FUMES, OR CONC. SOLUTIONS SWALLOWED CAN CAUSE SLIGHT IRRITATIONS.

Emergency and First Aid Procedures

EYES:                      FLUSH EYES WITH COOL WATER FOR 30 MINUTES. IF IRRITATION  
                                 DEVELOPS, CONSULT A PHYSICIAN IMMEDIATELY.  
SKIN:                      FLUSH EXPOSED AREA WITH LUKE WARM WATER. IF IRRITATION PERSISTS,  
                                 CONSULT A PHYSICIAN IMMEDIATELY.  
INHALATION:              REMOVE PATIENT TO CLEAN ATMOSPHERE AND ADMINISTER OXYGEN IF  
                                 NECESSARY. CONSULT A PHYSICIAN IMMEDIATE.  
INGESTION:              DO NOT INDUCE VOMITING. HAVE PATIENT DRINK LARGE AMOUNT OF WATER  
                                 OR MILK. CONSULT A PHYSICIAN IMMEDIATELY.  
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

SMALL SPILLS: FLUSH AREA WITH WATER TO AN INDUSTRIAL SEWER LINE.

LARGE SPILLS: CONTAINED SPILL WITH DIKES OF ABSORBENT MATERIALS SUCH AS CLAY,  
SAND OR VERMICULITE. THIS MATERIAL IS NOT CONSIDERED HAZARDOUS  
AND MAY BE DISPOSED OF AS NON-HAZARDOUS REFUSE.

Waste Disposal Method

CONTACT STATE AND LOCAL AUTHORITIES FOR DETAILS

Precautions to Be Taken in Handling and Storing

Other Precautions

KEEP OUT OF REACH OF CHILDREN

**SECTION VII - CONTROL MEASURES**

Respiratory Protection (Specify Type)

NONE

Ventilation	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves

NONE

Eye Protection

GLASSES OR GOGGLES

Other Protective Clothing or Equipment

NONE

Work/Hygienic Practices

WASH HANDS AFTER HANDLING. USE COMMON SENSE.