

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)

PINE 10

SECTION I

Distributor's Name	Emergency Telephone Number
BRADY INDUSTRIES OF UTAH	(800) 424-9300
Address (Number, Street, City, State & ZIP Code)	Telephone Number for Information
1130 SOUTH 3800 WEST	(801) 973-6166
SALT LAKE CITY, UTAH 84104	Date Prepared
	4/8/99
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)
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PINE OIL	CAS #8002-09-3	NOT ESTABLISHED		>1%
ISOPROPANOL	CAS #67-63-0	400PPM 400PPM	NONE	>1%

HAZARD RATING: HEALTH	=	0
4-EXTREME FIRE	=	0
3-HIGH REACTIVITY	=	0
2-MODERATE SPECIFIC HAZARDS	=	0
1-SLIGHT		
0-INSIGNIFICANT		

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	Specific Gravity (H2O = 1)
215°F	0.99
Vapor Pressure (mm Hg)	Melting Point
NOT TESTED	N/A
Vapor Density	Evaporation Rate (Butyl Acetate = 1)
HEAVIER THAN AIR	SLOWER THAN BUTYL ACETATE
Solubility in Water	pH
COMPLETELY SOLUBLE	11.2
Appearance and Odor	
PALE YELLOW/AMBER LIQUID WITH A PINE ODOR	

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
NONE	NOT DETERMINED		
Extinguishing Media			
WATER SPRAY, DRY CHEMICAL, FOAM, OR CARBON DIOXIDE			
Special Fire Fighting Procedures			
USE WATER TO KEEP FIRE-EXPOSED CONTAINER COOL			
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)
STRONG OXIDIZERS

Hazardous Decomposition or Byproducts

NONE

Hazardous May Occur Conditions to Avoid

Polymerization

Will Not Occur XXX

NONE

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic)

CAUSES EYE AND SKIN IRRITATION. VAPORS MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE SEVERE GASTROINTESTINAL TRACT IRRITATION.

Emergency and First Aid Procedures

EYES: IN CASE OF CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF LOW PRESSURE WATER FOR AT LEAST 15 MINUTES. REMOVE ANY CONTACT LENSES TO ENSURE THOROUGH FLUSHING. CONTACT A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. WASH CLOTHING BEFORE RE-USE.

INHALATION: REMOVE TO FRESH AIR. TREAT ANY IRRITATION SYMPTOMATICALLY. CALL A PHYSICIAN.

INGESTION: IF CONSCIOUS, PERSON SHOULD DRINK LARGE QUANTITIES OF LIQUID TO DILUTE PRODUCT. DO NOT INDUCE VOMITING. CALL A PHYSICIAN.

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

REMOVE SOURCES OF IGNITION. **SMALL SPILLS:** ADD ABSORBENT, SWEEP UP, PLACE IN D.O.T. APPROVED CONTAINER.

LARGE SPILLS: DIKE TO CONTAIN AND PUMP INTO DRUMS FOR USE OR DISPOSAL.

Waste Disposal Method

CONTACT STATE AND LOCAL AUTHORITIES FOR INFORMATION.

Precautions to Be Taken in Handling and Storing

THIS PRODUCT MAY REACT WITH STRONG OXIDIZERS AND SHOULD NOT BE STORED NEAR SUCH MATERIALS. KEEP AWAY FROM HEAT AND OPEN FLAME. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE.

Other Precautions

KEEP OUT OF REACH OF CHILDREN

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)

NOT REQUIRED WITH GOOD VENTILATION

Ventilation	Local Exhaust	Special
	PROVIDE ADEQUATE VENTILATION	NONE

Mechanical (General)	Other
PROVIDE ADEQUATE VENTILATION	NONE

Protective Gloves

RUBBER OR PLASTIC

Eye Protection

SAFETY GLASSES

Other Protective Clothing or Equipment

RUBBER APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE