

IDENTITY (As Used on Label and List)

BRADY ORANGE PLUS

SECTION I

Distributor's Name

BRADY INDUSTRIES, INC.

Emergency Telephone Number

(800) 424-9300

Address (Number, Street, City, State & ZIP Code)

4175 SOUTH ARVILLE

Telephone Number for Information

(702) 876-3990

Date Prepared

3/12/98

LAS VEGAS, NEVADA 89103

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	D-
DILIMONENE	CAS #5989-27-5			60-99%
DOT CLASS:	COMBUSTIBLE LIQUID, N.O.S. (TERPENE HYDROCARBON MIXTURE) NA 1993, PGIII			

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

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	310°	Specific Gravity (H2O = 1)	0.84
Vapor Pressure (mm Hg)	1.2	Melting Point	N/A
Vapor Density	>1.0	Evaporation Rate (Butyl Acetate = 1)	<1
Solubility in Water	INSOLUBLE	pH	N/A
Appearance and Odor	CLEAR ORANGE LIQUID WITH CITRUS FRAGRANCE		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
120° F T.C.C.		0.7	6.1
Extinguishing Media	USE WATER SPRAY, DRY CHEMICAL, CO2, OR ALCOHOL FOAM.		
Special Fire Fighting Procedures	FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING EQUIPMENT. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE		
Unusual Fire and Explosion Hazards	EXTINGUISH ALL NEARBY SOURCES OF IGNITION.		
(Reproduce locally)	OSHA 174, Sept. 1985		

SECTION V - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	XXX
		HEAT SPARKS AND OPEN FLAMES

Incompatibility (Materials to Avoid)

STRONG OXIDIZERS, AND ACIDIC AGENTS INCLUDING CLAYS

Hazardous Decomposition or Byproducts

CARBON MONOXIDE AND 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?

POSSIBLE

YES

YES

Health Hazards (Acute and Chronic)

THIS IS A SOLVENT PRODUCT WHICH CAN IRRITATE TISSUE PARTICULARLY MUCOUS MEMBRANES. IF SWALLOWED IT WILL IRRITATE THE STOMACH CAUSING PAIN AND VOMITING

Emergency and First Aid Procedures

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

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

INHALATION: MOVE VICTIM TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING AND GET MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. 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

WEAR PROTECTIVE CLOTHING AND RESPIRATOR, AND EXTINGUISH ALL FLAMES IN THE VICINITY. DIKE SPILL WITH NON-COMBUSTIBLE ABSORBENT TO PREVENT IT FROM ENTERING THE SEWERS AND TRANSFER IT TO A D.O.T. APPROVED SALVAGE CONTAINER. NOTE: VAPOR IN CONTAINER IS COMBUSTIBLE.

Waste Disposal Method

CONTACT STATE AND LOCAL AUTHORITIES

Precautions to Be Taken in Handling and Storing

STORE IN A COOL DRY AREAS AWAY FROM INCOMPATIBLE MATERIALS. KEEP CONTAINERS 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

IF AVAILABLE

NONE

Mechanical (General)

Other

IF AVAILABLE

NONE

Protective Gloves

Eye Protection

RUBBER OR PLASTIC

GOGGLES, SAFETY GLASSES OR FACE SHIELD

Other Protective Clothing or Equipment

RUBBER BOOTS AND APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE