

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)

BRADY SIMPLE ORANGE

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

Date Prepared

LAS VEGAS, NEVADA 89103

1/28/2003 Supercedes 8/05/02

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 BUTOXYETHANOL	CAS #111-76-2	25PPM	25PPM	NONE	<10%
D-LIMONENE	CAS #5989-27-5	NOT ESTABLISHED			<10%
SODIUM HYDROXIDE	CAS #1310-73-2	2mg/M ₃	C2mg/M ₃	NONE	<10%

DOT CLASS: SODIUM HYDROXIDE SOLUTION
8, UN1824, PG II

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

HAZARD RATING:

4-EXTREME

3-HIGH

2-MODERATE

1-SLIGHT

0-INSIGNIFICANT

HEALTH = 1
FIRE = 0
REACTIVITY = 0
SPECIFIC HAZARDS = ALKALI

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	213°F	Specific Gravity (H2O = 1)	1.051
Vapor Pressure (mm Hg)	NOT TESTED	Melting Point	NOT TESTED
Vapor Density	NOT TESTED	Evaporation Rate (Butyl Acetate = 1)	SLOWER
Solubility in Water	COMPLETELY SOLUBLE	pH	13.4

Appearance and Odor

CLEAR, BRIGHT ORANGE LIQUID WITH A FRESH ORANGE FRAGRANCE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL
NOT FLAMMABLE	N/A	N/A	N/A

Extinguishing Media

WATER, CO₂, DRY CHEMICAL, OR FOAM

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT

Unusual Fire and Explosion Hazards

NONE

(Reproduce locally)

OSHA 174, Sept. 1985

SECTION V - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
	Stable	XXX EXCESSIVE HEAT

Incompatibility (Materials to Avoid)

STRONG ACIDS AND STRONG OXIDIZING AGENTS (CHLORINE BLEACH)

Hazardous Decomposition or Byproducts

CARBON MONOXIDE OR CARBON DIOXIDE

Hazardous Polymerization

May Occur	Conditions to Avoid
Will Not Occur	XXX

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic)

THIS IS A MODERATELY ALKALINE PRODUCT WHICH WILL IRRITATE 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.

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

SOAK UP IN INERT 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	Eye Protection
RUBBER OR PLASTIC	GLASSES, GOGGLES, OR FACE SHIELD

Other Protective Clothing or Equipment

RUBBER APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE
