

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 E-Z OVEN

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

LAS VEGAS, NEVADA 89103

Date Prepared

03/24/01

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) |
|---|----------|-----------|-----------------------------|--------------|
|---|----------|-----------|-----------------------------|--------------|

| | | | | |
|------------------|----------------|--------------------|--------------------|-----|
| SODIUM HYDROXIDE | CAS #1310-73-2 | 2mg/M ₃ | 2mg/M ₃ | >1% |
| 2 BUTOXYETHANOL | CAS #111-76-2 | 25PPM | 25PPM | >1% |

DOT CLASS: SODIUM HYDROXIDE SOLUTION
CORROSIVE (8), UN 1824, PGII

HAZARD RATING:**4-EXTREME****3-HIGH****2-MODERATE****1-SLIGHT****0-INSIGNIFICANT**

HEALTH = 2
FIRE = 0
REACTIVITY = 1
SPECIFIC HAZARDS = ALKALI

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point 215°F Specific Gravity (H₂O = 1) 1.069

Vapor Pressure (mm Hg) NOT TESTED Melting Point N/A

Vapor Density NOT TESTED Evaporation Rate (Butyl Acetate = 1) NOT TESTED

Solubility in Water pH COMPLETELY SOLUBLE 13.8

Appearance and Odor
FLUORESCENT GREEN LIQUID WITH MILD PLEASANT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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

Extinguishing Media
WATER, CO₂, DRY CHEMICAL, OR FOAM

Special Fire Fighting Procedures
USE SELF-CONTAINED BREATHING EQUIPMENT

Unusual Fire and Explosion Hazards
EXCESSIVE HEAT MAY PRODUCE CAUSTIC FUMES

(Reproduce locally)

OSHA 174, Sept. 1985

SECTION V - REACTIVITY DATA

Stability Unstable Conditions to Avoid
Stable xxx HEAT OR STRONG ACIDS

Incompatibility (Materials to Avoid)
HYDROCHLORIC, SULFURIC, PHOSPHORIC, OR OTHER STRONG ACIDS
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? |
| | NO | YES | YES |

Health Hazards (Acute and Chronic)
THIS IS A CAUSTIC ALKALI PRODUCE WHICH IS CORROSIVE TO TISSUE

Emergency and First Aid Procedures

EYES: FLUSH WITH RUNNING WATER FOR AT LEAST 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS REGULARLY. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN.

SKIN: WASH WITH SOAP AND WATER FOR 15 MINUTES. IF IRRITATION PERSISTS, CONTACT A PHYSICIAN. ANY CONTAMINATED CLOTHING MUST BE WASHED BEFORE RE-USE.

INGESTION: DO NOT INDUCE VOMITING. DRINK PLENTY OF WATER FOLLOWED BY ORANGE, LEMON, OR GRAPEFRUIT JUICE. GET MEDICAL ATTENTION 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
SOAK UP WITH AN INERT ABSORBENT MATERIAL SUCH AS SAND OR VERMICULITE AND PLACE IN AN APPROVED WASTE DISPOSAL CONTAINER.

Waste Disposal Method
CONTACT STATE OR LOCAL AUTHORITIES FOR INFORMATION.

Precautions to Be Taken in Handling and Storing
STORE IN A COOL DRY AREA AWAY FROM INCOMPATIBLE MATERIALS. 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 |
| | IF AVAILABLE | NONE |
| | Mechanical (General) | Other |
| | IF AVAILABLE | NONE |

| | |
|-------------------|--------------------|
| Protective Gloves | Eye Protection |
| RUBBER OR PLASTIC | GLASSES OR GOGGLES |

Other Protective Clothing or Equipment
RUBBER OR PLASTIC APRON

Work/Hygienic Practices
USE CARE AND COMMON SENSE