

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 STAINLESS STEEL

SECTION I

Distributed by:

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 Supersedes 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)
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(ALIPHATIC) PETROLEUM CAS #64742-88-7
DISTILLATES

500PPM 100PPM NONE

67-97%

DOT CLASS:

COMBUSTIBLE LIQUID, N.O.S.

(ALIPHATIC PETROLEUM DISTILLATES)

COMBUSTIBLE, NA 1993, PGIII

HAZARD RATING:**4-EXTREME****3-HIGH****2-MODERATE****1-SLIGHT****0-INSIGNIFICANT****HEALTH = 1****FIRE = 2****REACTIVITY = 0****SPECIFIC HAZARDS = N/A****SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS**

Boiling Point

355°F

Specific Gravity (H2O = 1)

0.85

Vapor Pressure (mm Hg)

0.5

Melting Point

Vapor Density

5

Evaporation Rate (Butyl Acetate = 1)

0.08

Solubility in Water

INSOLUBLE

pH

N/A

Appearance and Odor

CLEAR TO SLIGHTLY HAZY YELLOW LIQUID WITH A MILD LEMON ODOR.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)

140°F

Flammable Limits

LEL

UEL

1.0%

6%

Extinguishing Media

FOAM, CARBON DIOXIDE, OR DRY CHEMICAL

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT

Unusual Fire and Explosion Hazards

VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND BE IGNITED BY PILOT LIGHTS OR OTHER IGNITION SOURCE.

(Reproduce locally)

OSHA 174, Sept. 1985

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SECTION V - REACTIVITY DATA

Stability	Unstable	Conditions to Avoid
Stable	xxx	HEAT, FLAME, OR SPARKS

Incompatibility (Materials to Avoid)

STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH

Hazardous Decomposition or Byproducts

CARBON MONOXIDE AND CARBON DIOXIDE

Hazardous	May Occur	Conditions to Avoid
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Polymerization

Will not occur	NO	NONE
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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

Emergency and First Aid Procedures

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

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

INHALATION: MOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS.

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 ALL IGNITION SOURCES FROM THE AREA AND DIKE SPILL WITH SAND VERMICULITE OR OTHER INERT ABSORBENT. WEAR RUBBER BOOTS, GLOVES, AND RESPIRATOR FOR ORGANIC SOLVENTS. PLACE CONTAMINATED ABSORBENT IN D.O.T. APPROVED CONTAINER. NOTE: VAPOR IN CONTAINER IS COMBUSTIBLE.

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 TIGHTLY SEALED WHEN NOT IN USE.

Other Precautions

KEEP OUT OF REACH OF CHILDREN

SECTION VIII - CONTROL MEASURES

Respiratory Protection (Specify Type)

NONE REQUIRED WITH GOOD VENTILATION, OTHERWISE USE NIOSH-APPROVED RESPIRATOR FOR ORGANIC SOLVENTS.

Ventilation	Local Exhaust	Special
	IF AVAILABLE	NONE
	Mechanical (General)	Other
	IF AVAILABLE	NONE

Protective Gloves	Eye Protection
RUBBER OR PLASTIC	GOGGLES OR SAFETY GLASSES

Other Protective Clothing or Equipment

RUBBER APRON

Work/Hygienic Practices

USE CARE AND COMMON SENSE