

**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)

Big Orange

**SECTION I**Manufacturer's Name  
BRADY INDUSTRIES, INCEmergency Telephone Number  
(800) 424-9300Address (Number, Street, City, State & ZIP Code) Telephone Number for Information  
4175 SOUTH ARVILLE (702) 876-3990Date Prepared  
LAS VEGAS, NV 89103 2/16/2000

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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PETROLEUM DISTILLATES	CAS #64742-88-7	500PPM	100PPM	NONE	>75%
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TERPENE SOLVENT	CAS #5989-27-5	N/A	N/A	NONE	>2%
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COMBUSTIBLE LIQUID, N.O.S.  
(D-LIMONENE MIXTURE)  
COMBUSTIBLE, NA 1993, PGIII

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

Boiling Point	340°F	Specific Gravity (H2O = 1)	0.85
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Vapor Pressure (mm Hg)	NOT TESTED	Melting Point	NOT TESTED
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Vapor Density	HEAVIER 5	Evaporation Rate (Butyl Acetate = 1)	0.1
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Solubility in Water	FORMS A MILKY WHITE EMULSION
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Appearance and Odor  
CLEAR COLORLESS LIQUID WITH A CITRUS ODOR.

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

Flash Point (Method Used)	Flammable Limits	LEL	UEL
130°F T.C.C.		0.8%	6.5%

Extinguishing Media  
CARBON DIOXIDE, FOAM, OR DRY CHEMICAL

Special Fire Fighting Procedures  
USE SELF-CONTAINED BREATHING EQUIPMENT.

Unusual Fire and Explosion Hazards  
THIS PRODUCT IS A COMBUSTIBLE MATERIAL. VAPORS ARE HEAVIER THAN AIR AND MAY  
TRAVEL ALONG THE GROUND.

(Reproduce locally)

OSHA 174, Sept. 1985

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**SECTION V - REACTIVITY DATA**

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<b>Stability</b>	Unstable	Conditions to Avoid
	Stable	XXX

HEAT, SPARKS, FLAMES OR OTHER IGNITION SOURCES.

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Incompatibility (Materials to Avoid)

**STRONG OXIDIZING AGENTS SUCH AS CHLORINE BLEACH**

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Hazardous Decomposition or Byproducts

**CARBON MONOXIDE OR CARBON DIOXIDE**

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<b>Hazardous</b>	May Occur	Conditions to Avoid
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**Polymerization**

Will Not Occur	XXX
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NONE

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**SECTION VI - HEALTH HAZARD DATA**

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

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Health Hazards (Acute and Chronic)

**THIS IS A SOLVENT PRODUCT WHICH CAN IRRITATE TISSUE. ASPIRATION OF THIS LIQUID INTO THE LUNGS CAN CAUSE PNEUMONITIS WHICH CAN BE FATAL.**

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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 LAUNDRY 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.**

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**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

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Steps to Be Taken in Case Material is Released or Spilled

**REMOVE ALL FLAMES, PILOT LIGHTS, OR 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.**

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Waste Disposal Method

**CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS.**

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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.**

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Other Precautions

**KEEP OUT OF REACH OF CHILDREN**

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**SECTION VII - CONTROL MEASURES**

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Respiratory Protection (Specify Type)

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

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**Ventilation**

Local Exhaust

Special

IF AVAILABLE

NONE

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Mechanical (General)

Other

IF AVAILABLE

NONE

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Protective Gloves

Eye Protection

**NITRILE RUBBER**

**CHEMICAL SPLASH GOGGLES**

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Other Protective Clothing or Equipment

**RUBBER BOOTS AND APRON**

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Work/Hygienic Practices

**USE CARE AND COMMON SENSE.**

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