

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)

BRAKE WASH

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

10/22/01 Supercedes 3/11/98

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)
PERCHLOROETHYLENE	CAS #127-18-4	50PPM	50PPM	80-100%

TETRACHLOROETHYLENE
(PERCHLORODETHYLENE)
6.1, UN1897, PGIII
KEEP AWAY FROM FOOD

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

Boiling Point

250°F

Specific Gravity (H2O = 1)

1.6

Vapor Pressure (mm Hg)

16

Melting Point

-10°F

Vapor Density

5.8

Evaporation Rate (Butyl Acetate = 1)

2.0

Solubility in Water

INSOLUBLE

pH

N/A

Appearance and Odor

CLEAR, COLORLESS LIQUID WITH A DISTINCTIVE SOLVENT ODOR

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)

N/A

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

WATER FOG, FOAM, CARBON DIOXIDE, OR DRY CHEMICAL

Special Fire Fighting Procedures

USE SELF-CONTAINED BREATHING EQUIPMENT

Unusual Fire and Explosion Hazards

EXCESSIVE HEAT MAY PRODUCE HYDROGEN CHLORIDE FUMES AND TRACES OF PHOSGENE

(Reproduce locally)

OSHA 174, Sept. 1985

Stability	Unstable	Conditions to Avoid
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Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts

Hazardous	May Occur	Conditions to Avoid
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Will Not Occur	XXX
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Route(s) of Entry:	Inhalation?	Skin?	Ingestion?
	YES	YES	YES

Health Hazards (Acute and Chronic)

THIS SOLVENT PRODUCE IS A TISSUE IRRITANT AND INHALATION CAN DEPRESS THE CENTRAL NERVOUS SYSTEM WITH DIZZINESS AND NAUSEA. IN ACUTE CASES IT CAN LEAD TO UNCONSCIOUSNESS AND POSSIBLE DEATH.

Emergency and First Aid Procedures

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

SKIN: FLUSH WITH SOAP AND WATER. IF IRRITATION OCCURS, GET MEDICAL ATTENTION. REMOVE ANY CONTAMINATED CLOTHING AND LAUNDRY BEFORE RE-USE.

INHALATION: MOVE VICTIM TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, GET IMMEDIATE MEDICAL ATTENTION. PROVIDE OXYGEN IF AVAILABLE.

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

Steps to Be Taken in Case Material is Released or Spilled

EVACUATE AREA AND PROVIDE MAXIMUM VENTILATION. WEAR PROPER RESPIRATORY, SKIN AND EYE PROTECTION. DIKE WITH INERT ABSORBENT (SAND OR VERMICULITE) TO KEEP OUT OF SEWER. TRANSFER CONTAMINATED ABSORBENT TO D.O.T. APPROVED CONTAINER.

Waste Disposal Method

CONTACT STATE OR LOCAL AUTHORITIES FOR DETAILS

Precautions to Be Taken in Handling and Storing

STORE IN A COOL DRY AREA AND KEEP CONTAINER TIGHTLY SEALED WHEN NOT IN USE. USE ONLY WITH ADEQUATE VENTILATION.

Other Precautions

KEEP OUT OF REACH OF CHILDREN

Respiratory Protection (Specify Type)

MUST HAVE GOOD VENTILATION MAINTAINED, OTHERWISE USE NIOSH-APPROVED RESPIRATOR.

Ventilation	Local Exhaust	Special
	YES	NONE

Mechanical (General)	Other
YES	NONE

Protective Gloves

Eye Protection

CHEMICAL RESISTANT

SAFETY GLASSES

Other Protective Clothing or Equipment

RUBBER APRON AND BOOTS

Work/Hygienic Practices

USE CARE AND COMMON SENSE