

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 CONCRETE CLEANER

SECTION I

Distributor's Name
BRADY INDUSTRIES

Emergency Telephone Number
(800) 424-9300

Address (Number, Street, City, State & ZIP Code)
4175 SOUTH ARVILLE

Telephone Number for Information
(702) 876-3990

LAS VEGAS, NEVADA 89103

Date Prepared
7/10/02 Supersedes 3/23/01

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 BICARBONATE	CAS #497-19-8	NONE	NONE	>25%
SODIUM METASILICATE	CAS #6834-92-0	NONE	NONE	>10%

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

HEALTH = 2
FIRE = 0
REACTIVITY = 0
SPECIFIC HAZARDS = N/A

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point	N/A	Specific Gravity (H2O = 1)	N/A
Vapor Pressure (mm Hg)	N/A	Melting Point	N/A
Vapor Density	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	100% SOLUBLE	pH	13.8

Appearance and Odor
ODORLESS, WHITE POWDER OR GRANULAR SOLID OR CRYSTAL

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used)	Flammable Limits	LEL	UEL	
N/A	N/A		N/A	N/A

Extinguishing Media
FOAM, CO₂, DRY CHEMICAL, WATER FOG.

Special Fire Fighting Procedures
NORMAL FIRE FIGHTING PROCEDURES MAY BE USED. USE SELF-CONTAINED BREATHING EQUIP.

Unusual Fire and Explosion Hazards
EXCESSIVE HEAT MAY PRODUCE CARBON DIOXIDE

SECTION V - REACTIVITY DATA

Stability Unstable Conditions to Avoid

Stable XXX HEAT
Incompatibility (Materials to Avoid)

ACIDS

Hazardous Decomposition or Byproducts
MAY LIBERATE CARBON MONOXIDE AND CARBON DIOXIDE.

Hazardous May Occur Conditions to Avoid

Polymerization
Will Not Occur XXX

NONE KNOWN

SECTION VI - HEALTH HAZARD DATA

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

Health Hazards (Acute and Chronic)

MAY CAUSE MODERATE EYE IRRITATION, PROLONGED OR REPEATED CONTACT MAY CAUSE MILD SKIN IRRITATION. MAY CAUSE IRRITATION TO NOSE, THROAT AND RESPIRATOR TRACT AND INGESTION OF PRODUCT MAY CAUSE NAUSEA AND ABDOMINAL DISCOMFORT.

Emergency and First Aid Procedures

EYES: IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15 MINUTES, LIFTING UPPER AND LOWER EYELIDS OCCASIONALLY. GET IMMEDIATE MEDICAL ATTENTION.

SKIN: IMMEDIATELY WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. GET MEDICAL ATTENTION IF IRRITATION PERSISTS AFTER WASHING.

INHALATION: REMOVE TO FRESH AIR. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING.
GET IMMEDIATE MEDICAL ATTENTION.

INGESTION: DO NOT INDUCE VOMITING. IF CONSCIOUS GIVE LOTS OF WATER OR MILK. GET IMMEDIATE MEDICAL ATTENTION. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS OR CONVULSING PERSON.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to Be Taken in Case Material is Released or Spilled

SMALL SPILL: SWEEP UP AND DISPOSE OF IN D.O.T.-APPROVED WASTE CONTAINERS

LARGE SPILL: SHOVEL INTO D.O.T.-APPROVED WASTE CONTAINERS. KEEP OUT OF SEWERS, STORM DRAINS, SURFACE WATERS, AND SOIL.

Waste Disposal Method

DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN A MANNER APPROVED FOR THIS MATERIAL ACCORDING TO APPROPRIATE FEDERAL, STATE, AND LOCAL AGENCIES.

Precautions to Be Taken in Handling and Storing

STORE IN A COOL, DRY, WELL-VENTILATED PLACE. STORE AWAY FROM ALL OTHER CHEMICALS AND POTENTIAL SOURCES OF CONTAMINATION. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE

Other Precautions

KEEP OUT OF REACH OF CHILDREN.

WASH THOROUGHLY AFTER HANDLING

SECTION VII - CONTROL MEASURES

Respiratory Protection (Specify Type)

WEAR A NIOSH-APPROVED RESPIRATOR.

Ventilation

Local Exhaust

Special

IF AVAILABLE

NONE

Mechanical (General)

Other

IF AVAILABLE

NONE

Protective Gloves

Eye Protection

RUBBER GLOVES

CHEMICAL GOGGLES

Other Protective Clothing or Equipment

N/A

Work/Hygienic Practices

USE CARE AND COMMON SENSE.
