



MATERIAL SAFETY DATA SHEET

PILLAR Sealer

MSDS Ref. No: 6065

Date Prepared: 12/19/2001

Date Revised: 12/04/2003

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME/USE: PILLAR Sealer

MSDS CODE: 2922922

PRODUCT CODE: 6065110, 6065520, 6065550

MANUFACTURER

The Ramsey Company
8310 16th St.
Sturtevant, WI 53177-0902

Butcher Telephone Number: 800-421-2768
Emergency Telephone (24 hours): 800-228-5635
CHEMTREC (U.S./Can.): 800-424-9300
CHEMTREC (Int'l): +1 703-527-3887

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS#	% BY WEIGHT
Water	7732-18-5	40 - 60
Acrylic polymer	NA	10 - 25
Ethanol, 2-(2-methoxyethoxy)-	111-77-3	3 - 5
NJ Trade Secret Registry #80100006-5009P	NA	1 - 1.5
Tributoxyethyl phosphate	78-51-3	1 - 1.5
Dibutyl phthalate	84-74-2	0.25 - 1.0

See Section 8 for Exposure Limits NA - Not Applicable

OSHA REGULATORY STATUS: This product is classified as not hazardous under OSHA regulations.

WHMIS CLASS: Class D-Division 2A

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Slightly Opaque, White Liquid . Mild, Ammonia Odor. Product Does Not Present a Significant Immediate Concern for Emergency Response Personnel.

POTENTIAL HEALTH EFFECTS (*See Section 11 for Toxicological Information*)

PRIMARY ROUTE(s) OF EXPOSURE: Eye Skin Contact Skin Absorption
 Inhalation Ingestion

EFFECTS OF ACUTE EXPOSURE

EYES: Non-irritating to the eyes, but may cause temporary redness or discomfort.

SKIN: Non-irritating to the skin.

INHALATION: Not expected to be irritating or harmful if inhaled.

INGESTION: May cause mild mouth, throat and stomach irritation. Symptoms may include nausea.

EFFECTS OF CHRONIC EXPOSURE: Prolonged or repeated contact may cause skin irritation.

MEDICAL CONDITIONS AGGRAVATED: None known.

4. FIRST AID MEASURES

EYES: Flush eyes with plenty of water while holding eyelids apart. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Do not put any medication in the victim's eyes unless instructed by a physician. Get medical attention if irritation develops.

SKIN: Flush with water, then wash with soap and water. Remove saturated clothing. Get medical attention if irritation develops.

INHALATION: Remove to fresh air. Get medical attention if symptoms persist.

INGESTION: Do not induce vomiting. Drink large quantities of water. Get medical attention.

5. FIRE FIGHTING MEASURES

FLASH POINT AND METHOD: > 93°C (200°F)TCC

FLAMMABLE LIMITS: Not applicable.

AUTOIGNITION TEMPERATURE: Not applicable.

EXTINGUISHING MEDIA: Use extinguishing media appropriate for surrounding fire.

HAZARDOUS COMBUSTION PRODUCTS: Normal products of combustion (carbon monoxide and carbon dioxide).

FIRE AND EXPLOSION HAZARDS: None known.

FIRE FIGHTING INSTRUCTIONS: This product is not flammable. As in any fire, MSHA/NIOSH approved self-contained breathing apparatus (SCBA) and full protective gear should be worn.

6. ACCIDENTAL RELEASE MEASURES

See Section 8, Exposure Controls/Personal Protection and Section 3, Hazard Identification. Floors may be slippery. Use care to avoid falling. Contain and isolate spill. Prevent from entering sewers and waterways. Keep non-essential personnel from entering spill area. Use mop, absorbent, or wet vacuum to collect material for proper disposal. Rinse area with water.

7. HANDLING AND STORAGE

HANDLING: Follow label use directions. Do not mix with other chemicals unless instructed by label directions. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Remove saturated clothing. Wash clothing and equipment before reuse.

STORAGE: Keep container closed when not in use. Keep from freezing.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE: Not required under normal conditions of use.

SKIN: Where prolonged or repeated contact is possible, chemical-resistant clothing (e.g., gloves) is recommended.

RESPIRATORY: No respiratory protection is required if ventilation is adequate.

ENGINEERING CONTROLS: Good general room ventilation is expected to be adequate.

EXPOSURE LIMITS:

<u>INGREDIENT(S)</u>	<u>OSHA PEL/STEL</u>	<u>ACGIH TLV/STEL</u>
Water	NA	NA
Acrylic polymer	NA	NA
Ethanol, 2-(2-methoxyethoxy)-	NA	NA
NJ Trade Secret Registry #80100006-5009P	NA	NA
Tributoxyethyl phosphate	NA	NA
Dibutyl phthalate	5 mg/m3	5 mg/m3

NA - Not Available

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: Mild, Ammonia

APPEARANCE: Slightly Opaque, White

pH: 8.8 to 9.2

PERCENT VOLATILE BY WEIGHT: 83

VAPOR PRESSURE: Not Determined

VAPOR DENSITY: Not Determined

BOILING POINT: Not Determined

FREEZING/MELTING POINT: Not Determined

SOLUBILITY IN WATER: Dispersible

EVAPORATION RATE: Not Determined

SPECIFIC GRAVITY: 1.03

VISCOOSITY: Water Thin

OCTANOL/WATER PARTITION COEFFICIENT: Not Determined

ODOR THRESHOLD: Not Determined

10. STABILITY AND REACTIVITY

STABILITY (CONDITIONS TO AVOID): Stable.

POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION: None known.

INCOMPATIBLE MATERIALS: None known.

11. TOXICOLOGICAL INFORMATION

ACUTE DATA: Based on testing of similar products, this product is non-irritating to skin and eyes. The following data are available for product ingredients.

PRODUCT/INGREDIENT

	<u>ORAL LD₅₀ (rat)</u>	<u>DERMAL LD₅₀ (rabbit)</u>	<u>INHALATION LC₅₀ (rat)</u>
Water			
Acrylic polymer	5000 - mg/kg	>5000 - mg/kg	Not Available
Ethanol, 2-(2-methoxyethoxy)-	5500 - mg/kg	6540 - mg/kg	200 - mg/L (1-hr)
NJ Trade Secret Registry #80100006-5009P	>5000 - mg/kg	Not Available	> Not Available
Tributoxyethyl phosphate	500 - 5000 mg/kg	10000 - mg/kg	20 - mg/L (1-hr)
Dibutyl phthalate	8000 - mg/kg	>20000 - mg/kg	17680 - mg/m3 (4-hr)

SENSITIZATION DATA: No data available.

CHRONIC DATA:

No data available.

REPRODUCTIVE/TERATOGENIC DATA: Prolonged dermal exposure to ethanol, 2-(2-methoxyethoxy)- has caused slight fetotoxicity (delayed development) in laboratory animals; prolonged overexposure by ingestion has caused teratogenic effects in laboratory animals. Prolonged

overexposure to dibutyl phthalate by ingestion has caused reproductive and teratogenic effects in laboratory animals.

CARCINOGENIC/MUTAGENIC DATA: Not listed as carcinogenic by NTP, IARC, or ACGIH or regulated as a carcinogen by OSHA.

SYNERGISTIC MATERIALS: No data available.

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of this material should be in accordance with local, state or provincial and federal regulations. The unused product, as manufactured, is a RCRA non-hazardous waste in accordance with 40 CFR 261. The product has not been evaluated by the Toxicity Characteristic Leachate Procedure (TCLP). According to RCRA, it is the responsibility of the waste generator to ensure proper disposal.

14. TRANSPORT INFORMATION

DOT/TDG HAZARDOUS MATERIAL DESCRIPTION: Not regulated

15. REGULATORY INFORMATION

Not meant to be all-inclusive---selected regulations represented.

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: Under 40 CFR 370.2, this product meets the following hazard category: Delayed.

313 REPORTABLE INGREDIENTS: Ethanol, 2-(2-methoxyethoxy)- is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372 under the chemical category Glycol Ethers.

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: This product contains dibutyl phthalate. If 120 gallons of total product are released, notification to the National Response Center (1-800-424-8802) is required.

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA STATUS: This product complies with all TSCA inventory requirements.

MASSACHUSETTS, NEW JERSEY, PENNSYLVANIA RIGHT-TO-KNOW:

INGREDIENT(S)

Water
Acrylic polymer
Ethanol, 2-(2-methoxyethoxy)-
NJ Trade Secret Registry #80100006-5009P
Tributoxyethyl phosphate

NA - Not Applicable

CAS NO. STATE LISTING

7732-18-5	Not Listed
NA	Not Listed
111-77-3	MA, PA
NA	Not Listed
78-51-3	Not Listed

CANADA

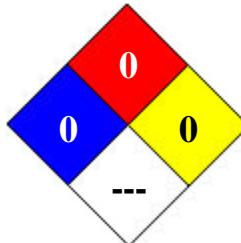
WHMIS (WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM): Class D-Division 2A; reproductive and teratogenic effects. This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

HMIS RATING

HEALTH	*	0
FLAMMABILITY		0
REACTIVITY		0
PERSONAL PROTECTION	-	

NFPA CODES:



APPROVED BY: Product Safety & Regulatory

MSDS STATUS

Revision No: 6

Revision #: 6

This MSDS replaces the October 23, 2002 MSDS. Any changes in information are as follows:

In Section 1

Product Code

APPROVAL DATE: 12/04/2003

The information on this data sheet represents our current data and best opinion as to the proper use in handling of the product under normal foreseeable conditions. Any use of this product which is not in conformance with this data sheet or product label, or which involves using the product in combination with any other product or any other process is the responsibility of the user.