

REC'D FEB 25 2000

MATERIAL SAFETY DATA SHEET- RectorSeal® T PLUS 2®

5965

SLT00015
SLT00016
SLT00034

MSDS0077
Ver. No.1

Ver. Date April 14, 1999

SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: RectorSeal® T Plus 2®
PRODUCT CODES: 23710, 23631, 23551, 23431, 23391, 23271, 23191, 23112
CHEMICAL FAMILY: Organic
USE: Pipe Thread Sealing Compound
MANUFACTURE / SUPPLIER
RectorSeal
2601 Spenwick
Houston, Texas 77055 USA

EMERGENCY TELEPHONE NUMBERS:
Chemtrec 24 hours: (800) 424-9300
RectorSeal: (713) 263-8001

NON EMERGENCY TELEPHONE NUMBERS:
Technical Service: (800) 231-3345

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

| HAZARDOUS COMPONENTS | CAS NO. | APPROX | OSHA PEL | ACGIH TLV | OTHER LIMITS | HMIS | NFPA |
|----------------------|---------|--------|----------|-----------|--------------|------|------|
| | | % | | | | | |

None as defined by OSHA Hazardous Communication Standard 29 CFR 1910.1200.

SECTION 3 HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS May produce slight to moderate skin and eye irritation.

| <u>ROUTE OF EXPOSURE</u> | <u>SIGNS AND SYMPTOMS</u> | <u>PRIMARY ROUTE(S)</u> |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| INHALATION: | Inhalation of thermal decomposition byproducts from burning may cause "polymer fume fever" characterized by fever, cough, malaise. | No |
| EYE CONTACT: | Irritation, watering may occur. | Yes |
| SKIN CONTACT: | Frequent or prolonged contact may irritate and cause dermatitis. | Yes |
| INGESTION: | May cause nausea and vomiting. Not expected to produce toxic effects unless large amounts are ingested. | No |

SUMMARY OF CHRONIC HAZARDS: Chronic effects are N/D.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N/D

SECTION 4 FIRST AID MEASURES

INHALATION: If overcome by exposure, remove victim to fresh air immediately. Give oxygen or artificial respiration as needed. Obtain emergency medical attention. Prompt action is essential.
EYE CONTACT: Immediately flush with large amounts of water for at least 15 minutes. Get prompt medical attention.
SKIN CONTACT: Wash with soap and water. Remove contaminated clothing. If irritation occurs, seek medical attention.
INGESTION: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

SECTION 5 FIRE FIGHTING MEASURES

FLASH POINT: >300°F (149°C) SETA CC **FLAMMABILITY LIMITS:** LEL: N/D UEL: N/D
EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide or water fog.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained full face piece breathing apparatus and other protective clothing. Evacuate area. Hazardous decomposition products possible (see Section 10).
UNUSUAL FIRE AND EXPLOSION HAZARDS: Heat may build up pressure and rupture closed containers. Above 500°F (260°C) the fumes are acutely toxic.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Wipe up spills to prevent footing hazard. Avoid flushing into sewers, drains, waterways and soil. Wear protective clothing.

SECTION 7 STORAGE AND HANDLING

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed when not in use. Do not store near heat, sparks, or open flames.
OTHER PRECAUTIONS: Avoid prolonged or repeated contact with skin or clothing. Empty containers may contain residues and vapors; treat as if full and observe all products precautions. Do not reuse empty containers. **KEEP OUT OF REACH OF CHILDREN.**

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION (SPECIFY TYPE): Normally none required.

VENTILATION – LOCAL EXHAUST: Acceptable

Special: N/A

MECHANICAL (GENERAL): Acceptable

OTHER: N/A

PROTECTIVE GLOVES: Wear non-permeable gloves.

EYE PROTECTION: Safety glasses or goggles (ANSI Z-87.1 or equivalent)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Coveralls recommended.

WORK/HYGIENIC PRACTICES: Where use can result in skin contact, wash exposed areas thoroughly before eating, drinking, smoking, or leaving work area. Launder contaminated clothing before reuse.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A

SPECIFIC GRAVITY (H₂O = 1): 1.32

VAPOR PRESSURE (mm Hg): < 1 @ 77°F (25°C)

MELTING POINT: N/A

VAPOR DENSITY (AIR = 1): N/A

EVAPORATION RATE (ETHYL ACETATE = 1): N/A

SOLUBILITY IN WATER: Negligible

APPEARANCE/ODOR: White Paste/Slight Odor

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks, open flames, and strong oxidizing. Temperatures above 500°F (260°C).

INCOMPATIBILITY (MATERIALS TO AVOID): Gaseous oxygen, strong oxidizing materials, molten alkali metals.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ and fragmented hydrocarbons.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11 TOXICOLOGY INFORMATION

CARCINOGENICITY: NTP: No

IARC MONOGRAPHS: No

OSHA REGULATED: No

SUBSTANCE

CAS NO.

LD50

LC50

N/A

N/A

N/A

N/A

SECTION 12 ECOLOGICAL INFORMATION

FOOD CHAIN

SUBSTANCE

CON POTENTIAL

WATERFOWL TOXICITY

BOD

AQUATIC TOXICITY

N/A

N/A

N/A

N/A

N/A

SECTION 13 DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of clean up materials and liquid waste in accordance with all local, state and federal regulations.

SECTION 14 TRANSPORTATION INFORMATION

DOT: Non-Regulated

OCEAN (IMDG): Non-Regulated

AIR (IATA): Non-Regulated

WHMIS (CANADA): Non-Regulated

SECTION 15 REGULATORY INFORMATION

SUBSTANCE

SARA 313

TSCA INVENTORY

CERCLA RQ

RCRA CODE

N/A

N/A

All components listed.

N/A

N/A

SECTION 16 OTHER INFORMATION

This document is prepared pursuant to the OSHA Hazardous Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, express or implied is made. Consult RectorSeal for further information: (713) 263-8001