

# MATERIAL SAFETY DATA SHEET - RectorSeal® NO. 100-W®

MSDS0009  
Ver. No.1  
Ver. Date June 22, 2000

## SECTION 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** RectorSeal® No. 100-W™  
**PRODUCT CODES:** 21551, 21431, 21390  
**CHEMICAL FAMILY:** Organic  
**USE:** Pipe Thread Sealing Compound  
**MANUFACTURER / 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

<u>HAZARDOUS COMPONENTS</u>	<u>CAS NO.</u>	<u>APPROX % OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OTHER LIMITS</u>	<u>HMIS</u>	<u>NFPA</u>
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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>
<b>INHALATION:</b>	Inhalation of thermal decomposition byproducts from burning may cause "polymer fume fever" characterized by fever, cough, malaise.	No
<b>EYE CONTACT:</b>	Irritation, watering may occur.	Yes
<b>SKIN CONTACT:</b>	Frequent or prolonged contact may irritate and cause dermatitis.	Yes
<b>INGESTION:</b>	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  
**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.

**FLAMMABILITY LIMITS:** LEL: N/D UEL: N/D

## 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  
**MECHANICAL (GENERAL):** Acceptable

**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.

**SPECIAL:** N/A  
**OTHER:** N/A

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**SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES**

<b>BOILING POINT:</b> N/A	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1):</b> 1.32
<b>VAPOR PRESSURE (mm Hg):</b> < 1 @ 77°F (25°C)	<b>MELTING POINT:</b> N/A
<b>VAPOR DENSITY (AIR = 1):</b> N/A	<b>EVAPORATION RATE (ETHYL ACETATE = 1):</b> N/A
<b>SOLUBILITY IN WATER:</b> Negligible	<b>APPEARANCE/ODOR:</b> 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, CO<sub>2</sub> and fragmented hydrocarbons.  
**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11 TOXICOLOGY INFORMATION**

**CARCINOGENICITY:** NTP: No IARC MONOGRAPHS: No OSHA REGULATED: No

<u>SUBSTANCE</u>	<u>CAS NO.</u>	<u>LD50</u>	<u>LC50</u>
N/A	N/A	N/A	N/A

**SECTION 12 ECOLOGICAL INFORMATION**

<u>SUBSTANCE</u>	<u>FOOD CHAIN CON POTENTIAL</u>	<u>WATERFOWL TOXICITY</u>	<u>BOD</u>	<u>AQUATIC TOXICITY</u>
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**

<u>SUBSTANCE</u>	<u>SARA 313</u>	<u>TSCA INVENTORY</u>	<u>CERCLA RQ</u>	<u>RCRA CODE</u>
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.