



## Material Safety Data Sheet

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### SECTION I - Material Identity

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|                        |   |
|------------------------|---|
| Item Name              |   |
| Part Number/Trade Name | RECTORSEAL NO. 5 (R) PIPE<br>THREAD SEALANT |
| National Stock Number  | 8030002010996                               |
| CAGE Code              | 60150                                       |
| Part Number Indicator  | A   |
| MSDS Number            | 191980                                      |
| HAZ Code               | B   |

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### SECTION II - Manufacturer's Information

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|                   |                       |
|-------------------|-----------------------|
| Manufacturer Name | RECTORSEAL CORP       |
| Street            | 2801 SPENWICK         |
| City              | HOUSTON               |
| State             | TX                    |
| Country           | US                    |
| Zip Code          | 77055                 |
| Emergency Phone   | 800 424-9300 CHEMTREC |
| Information Phone | 713 263-8001          |

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### MSDS Preparer's Information

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|                            |               |
|----------------------------|---------------|
| Street                     | 2601 SPENWICK |
| City                       | HOUSTON       |
| State                      | TX            |
| Zip Code                   | 77055         |
| Date MSDS Prepared/Revised | 25MAR02       |
| Active Indicator           | Y             |

### Alternate Vendors

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### SECTION III - Physical/Chemical Characteristics

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|                                   |                          |
|-----------------------------------|--------------------------|
| Hazard Storage Compatibility Code | NR                       |
| NRC License Number                | NR                       |
| Net Propellant Weight (Ammo)      | NR                       |
| Appearance/Odor                   | YELLOW PASTE / MILD ODOR |
| Boiling Point                     | 322 F                    |
| Melting Point                     | NA                       |
| Vapor Pressure                    | 0.3                      |
| Vapor Density                     | 1.1(AIR=1)               |
| Specific Gravity                  | 1.38                     |
| Decomposition Temperature         | NR                       |
| Evaporation Rate                  | 0.14 (ETHYL ACETATE)     |
| Solubility in Water               | 23%                      |
| Percent Volatiles by Volume       | NR                       |
| Chemical pH                       | NR                       |
| Corrosion Rate                    | NR                       |
| Container Type                    | F                        |
| Container Pressure Code           | 1                        |
| Temperature Code                  | 4                        |
| Product State Code                | S                        |

### SECTION IV - Fire and Explosion Hazard Data

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|                                  |   |
|----------------------------------|---|
| Flash Point                      | 150   |
| Flash Point Method               | SCC   |
| Lower Explosion Limit            | ND  |
| Upper Explosion Limit            | ND  |
| Extinguishing Media              | FOAM, DRY CHEMICAL, CARBON DIOXIDE, WATER FOG   |
| Special Fire Fighting Procedures | WEAR SCBA AND FULL PROTECTIVE CLOTHING  |
| Unusual Fire/Explosion Hazards   | MODERATE FLASH POINT. VAPORS HEAVIER THAN AIR, MAY TRAVEL ALONG THE GROUND TO LOW SPOTS AT CONSIDERABLE DISTANCES TO A SOURCE OF IGNITION RESULTING IN POTNETIAL FLASHBACK. |

BURNING LIQUID MAY FLOAT ON  
WATER. HEAT MAY BUILD UP  
PRESSURE AND RUPTURE  
CONTAINERS

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## SECTION V - Reactivity Data

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|                                    |  |
|------------------------------------|--|
| Stability                          | YES  |
| Stability Conditions to Avoid      | HEAT, SPARKS, OPEN FLAMES,<br>STRONG OXIDIZING. TEMPS ABOVE<br>500 F   |
| Materials to Avoid                 | GASEOUS OXYGEN, STRONG<br>OXIDIZING MATERIALS, MOLTEN<br>ALKALI METALS |
| Hazardous Decomposition Products   | CO, CO2, FRAGMENTED<br>HYDROCARBONS                                    |
| Hazardous Polymerization           | NO   |
| Polymerization Conditions to Avoid | WILL NOT OCCUR   |
| LD50 - LD50 Mixture                | NR   |

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## SECTION VI - Health Hazard Data

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|                                      |  |
|--------------------------------------|--|
| Route of Entry: Skin                 | YES  |
| Route of Entry: Ingestion            | YES  |
| Route of Entry: Inhalation           | YES  |
| Health Hazards - Acute and Chronic   | [EYES] WATERING, BLURRED<br>VISION, IRRITATION [SKIN]<br>IRRITATION, DERMATITIS [INHAL]<br>IRRITATION, DIZZINESS,<br>NARCOSIS, HEADACHE, NAUSEA,<br>CNS DEPRESSION,<br>UNCONSCIOUSNESS [INGEST]<br>NAUSEA, VOMITING, CNS<br>DEPRESSION, IRRITATION, LIVER<br>AND PERITONEAL WALL, LUNG<br>CONGESTION |
| Carcinogenity: NTP                   | NR   |
| Carcinogenity: IARC                  | NR   |
| Carcinogenity: OSHA                  | NR   |
| Explanation of Carcinogenity         | NR   |
| Symptoms of Overexposure             | [EYES] WATERING, BLURRED<br>VISION, IRRITATION [SKIN]<br>IRRITATION, DERMATITIS [INHAL]<br>IRRITATION, DIZZINESS,<br>NARCOSIS, HEADACHE, NAUSEA,<br>CNS DEPRESSION,<br>UNCONSCIOUSNESS [INGEST]<br>NAUSEA, VOMITING, CNS<br>DEPRESSION, IRRITATION, LIVER<br>AND PERITONEAL WALL, LUNG<br>CONGESTION |
| Medical Cond. Aggravated by Exposure | NR   |

|                                |  |
|--------------------------------|--|
| Emergency/First Aid Procedures | [EYES] FLUSH W/ WATER FOR 15 MINUTES [SKIN] WASH W/ SOAP AND WATER, REMOVE CONTAMINATED CLOTHING, LAUNDRER BEFORE REUSE [INHAL] REMOVE TO FRESH AIR [INGEST] IF CONSCIOUS, WASH OUT MOUTH WITH COPIOUS AMOUNTS OF WATER. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY |
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## SECTION VII - Precautions for Safe Handling and Use

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|                                    |   |
|------------------------------------|---|
| Steps if Material Released/Spilled | REMOVE ALL SOURCES OF IGNITION. USE ABSORBENT MATERIALS TO PREVENT SLIPPING HAZARDS         |
| Neutralizing Agent                 | NR  |
| Waste Disposal Method              | DISPOSE IAW FEDERAL, STATE, LOCAL REGULATIONS   |
| Handling and Storage Precautions   | KEEP CONTAINER CLOSED AND UPRIGHT WHEN NOT IN USE. DO NOT STORE NEAR HEAT, SPARKS OR FLAMES |
| Other Precautions                  | NR  |

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## SECTION VIII - Control Measures

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|                                 |  |
|---------------------------------|--|
| Respiratory Protection          | IN CONFINED AREA, USE NIOSH/MSHA AIR RESPIRATORS |
| Ventilation                     | LOCAL: ACCEPTABLE MECHANICAL: PREFERABLE         |
| Protective Gloves               | IMPERVIOUS GLOVES                                |
| Eye Protection                  | CHEM GOGGLES                                     |
| Other Protective Equipment      | NR   |
| Work Hygenic Practices          | WASH HANDS AFTER USE                             |
| Supplemental Health/Safety Data | NR   |
| Disposal Code                   | O  |

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## SECTION IX - Label Data

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|                     |         |
|---------------------|---------|
| Protect Eye         | YES     |
| Protect Skin        | YES     |
| Protect Respiratory | NO      |
| Chronic Indicator   | YES     |
| Contact Code        | SLIGHT  |
| Fire Code           | UNKNOWN |
| Health Code         | UNKNOWN |
| React Code          | UNKNOWN |

Specific Hazard and Precaution

TARGET ORGANS: SKIN, LIVER,  
KIDNEY

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**SECTION X - Transportation Data**

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|                    |    |
|--------------------|----|
| Container Quantity | 1  |
| Unit of Measure    | PT |

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**SECTION XI - Site Specific/Reporting Information**

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|                                  |         |
|----------------------------------|---------|
| Volatile Organic Compounds (P/G) | 3.45    |
| Volatile Organic Compounds (G/L) | 413.444 |

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**SECTION XII - Ingredients/Identity Information**

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|                 |   |
|-----------------|---|
| Ingredient #    | 01  |
| Ingredient Name | 2-PENTANONE, 4-HYDROXY-4-METHYL- (20-30%) |
| CAS Number      | 123422                                    |
| Proprietary     | NO  |
| Percent         | 30  |
| OSHA PEL        | 50 PPM                                    |
| ACGIH TLV       | 50 PPM                                    |

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