



## 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 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

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### 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, STRONG OXIDIZING. TEMPS ABOVE 500 F
Materials to Avoid	GASEOUS OXYGEN, STRONG OXIDIZING MATERIALS, MOLTEN ALKALI METALS
Hazardous Decomposition Products	CO, CO2, FRAGMENTED 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 VISION, IRRITATION [SKIN] IRRITATION, DERMATITIS [INHAL] IRRITATION, DIZZINESS, NARCOSIS, HEADACHE, NAUSEA, CNS DEPRESSION, UNCONSCIOUSNESS [INGEST] NAUSEA, VOMITING, CNS DEPRESSION, IRRITATION, LIVER AND PERITONEAL WALL, LUNG CONGESTION
Carcinogenity: NTP	NR
Carcinogenity: IARC	NR
Carcinogenity: OSHA	NR
Explanation of Carcinogenity	NR
Symptoms of Overexposure	[EYES] WATERING, BLURRED VISION, IRRITATION [SKIN] IRRITATION, DERMATITIS [INHAL] IRRITATION, DIZZINESS, NARCOSIS, HEADACHE, NAUSEA, CNS DEPRESSION, UNCONSCIOUSNESS [INGEST] NAUSEA, VOMITING, CNS DEPRESSION, IRRITATION, LIVER AND PERITONEAL WALL, LUNG 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, LAUNDER 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 Hygienic 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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