

MATERIAL SAFETY DATA SHEET

MSDS 0011

Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

	HMIS CODES	
PRODUCT NAME	Health	1
RectorSeal No. 5	Flammability	2
	Reactivity	0
PRODUCT CODES	PPI	B
25631, 25551, 25431, 25300, 25271, 25191, 25112, 25780, 25790		
CHEMICAL FAMILY:		
Organic		
USE		
Pipe Thread Sealant		
MANUFACTURER'S NAME	EMERGENCY TELEPHONE NO.	
The RectorSeal Corporation	Chemtrec 24 Hours	
2601 Spenwick Drive	(800) 424-9300	
Houston, Texas 77055 USA		
VALIDATION DATE	TECHNICAL SERVICE TELEPHONE NO.	
February 10, 2006	(800) 231-3345	
REVISION DATE		
February 10, 2006		

Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

% by WT	CAS No.	INGREDIENT	UNITS
20-30	123-42-2	Diacetone Alcohol	
		ACGIH TLV	50 ppm
		OSHA PEL	50 ppm

Section 3 -- HAZARDS IDENTIFICATION

SUMMARY OF ACUTE HAZARDS

Irritation to eyes, nose and throat; drowsiness, narcosis, tremors and other CNS effects at high concentration.

ROUTE OF EXPOSURE, SIGNS AND SYMPTOMS

INHALATION

Nasal and respiratory irritation, dizziness, narcosis, headache, nausea, CNS depression and unconsciousness.

EYE CONTACT

Watering, blurred vision, inflammation and irritation which can result in corneal injury.

SKIN CONTACT

Irritation, dermatitis.

INGESTION

Nausea, vomiting; CNS depression; irritation of gastrointestinal tract, liver and peritoneal wall; lung congestion.

SUMMARY OF CHRONIC HAZARDS

Skin irritation and dermatitis. Possible liver and kidney damage.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Individuals with pre-existing or chronic diseases of the eyes, skin, respiratory system, cardiovascular system, gastrointestinal system, liver or kidneys may have increased susceptibility to excessive exposures.



OTHER: N/A

PROTECTIVE GLOVES: Wear rubber gloves.

EYE PROTECTION: Chemical splash 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.

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Section 9 -- PHYSICAL AND CHEMICAL PROPERTIES

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BOILING POINT: 322 F (161 C) @ 760mm Hg  
SPECIFIC GRAVITY (H2O = 1): 1.38  
VAPOR PRESSURE (mm Hg): 0.3 @ 68 F (20 C)  
MELTING POINT: N/A  
VAPOR DENSITY (AIR = 1): 1.1  
EVAPORATION RATE (ETHYL ACETATE = 1): 0.14  
APPEARANCE/ODOR: Yellow Paste/Mild Odor  
SOLUBILITY IN WATER: 23%

VOLATILE ORGANIC COMPOUNDS (VOC) Content  
(Theoretical Percentage By Weight): 23% or (230 g/L)

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Section 10 -- STABILITY AND REACTIVITY

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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.

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Section 11 -- TOXICOLOGY INFORMATION

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CHRONIC HEALTH HAZARDS  
No ingredients in this product is an IARC, NTP or OSHA Lister carcinogen.

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TOXICOLOGY DATA  
Ingredient Name

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Diacetone Alcohol  
Oral-Rat LD50:4000 mg/kg  
Inhalation-Human TCLo: 100 ppm

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Section 12 -- Ecological Information

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ECOLOGICAL DATA  
Ingredient Name

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Diacetone Alcohol  
Food Chain Concentration Potential N/A  
WATERFOWL TOXICITY N/A  
BOD N/A  
AQUATIC TOXICITY N/A

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Section 13 -- DISPOSAL CONSIDERATIONS

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Waste Classification: Non-regulated solid waste  
Disposal Method: Approved landfill  
Waste from this product is not considered hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

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Section 14 -- TRANSPORTATION INFORMATION  
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DOT: Non-Regulated  
OCEAN (IMDG): Non-Regulated  
AIR (IATA): Non-Regulated  
WHMIS (CANADA): Non-Regulated

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Section 15 -- REGULATORY INFORMATION  
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REGULATORY DATA  
Ingredient Name

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Diacetone Alcohol  
SARA 313 N/A  
TSCA Inventory Yes  
CERCLA RQ N/A  
RCRA Code N/A  
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Section 16 -- OTHER INFORMATION  
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This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). The information herein is given in good faith, but no warranty, expressed or implied is made. Consult RectorSeal for further information: (713) 263-8001

