MSDS 0011

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Section 1 -- PRODUCT AND COMPANY IDENTIFICATION

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PRODUCT NAME Health

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

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Section 2 -- COMPOSITION/INFORMATION ON INGREDIENTS

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% by WT CAS No. INGREDIENT UNITS

20-30 123-42-2 Diacetone Alcohol

ACGIH TLV 50 ppm OSHA PEL 50 ppm

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Section 3 -- HAZARDS IDENTIFICATION

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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.

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### Section 4 -- FIRST AID MEASURES

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If INHALED: If overcome by exposure, remove victim to fresh air

immediately. Give oxygen or artificial respiration as  $% \left( 1\right) =\left( 1\right) \left( 1\right) +\left( 1\right) \left( 1\right) \left( 1\right) +\left( 1\right) \left( 1$ 

needed. Obtain emergency medical attention. Prompt

action

is essential.

If on SKIN: Wash with soap and water. If irritation occurs, seek

medical attention.

If in EYES: Flush eyes with large amounts of water for 15 minutes.

Get medical attention.

If SWALLOWED: If swallowed, call a physician immediately. Only induce

vomiting at the instruction of a physician. Never give

anything by mouth to an unconscious person.

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## Section 5 -- FIRE FIGHTING MEASURES

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FLASH POINT LEL UEL 150 F (65 C) SETA CC N/D N/D

EXTINGUSING MEDIA

Foam, dry chemical, carbon dioxide or water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus (SCBA) and other protective clothing. Hazardous decomposition products possible (see Section 10).

UNUSUAL FIRE AND EXPLOSION HAZARDS: Combustible - moderate flash point. Vapors heavier than air and may travel along the ground or to low spots at considerable distances to a source of ignition resulting in potential flashback. Burning liquid may float on water. Heat may build up pressure and rupture containers.

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## Section 6 -- ACCIDENTAL RELEASE MEASURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Use absorbent materials to prevent footing hazard and to contain. Ventilate area with natural or explosion-proof, forced air ventilation. Avoid flushing into sewers, drains, waterways, and soil. Wear protective clothing and respiratory protection during cleanup.

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# Section 7 -- HANDLING AND STORAGE

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep container closed and upright 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; treat as if full and observe all products precautions. Do not reuse empty containers.

observe all products precautions. Do not reuse empty containers. KEEP OUT OF REACH OF CHILDREN.

# Section 8 -- EXPOSURE CONTROLS/PERSONAL PROTECTION

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RESPIRATORY PROTECTION (SPECIFY TYPE): In confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied air respirators.

VENTILATION - LOCAL EXHAUST: Acceptable

SPECIAL: Explosion-proof equipment.

MECHANICAL (GENERAL): Preferable

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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
 _____
BOILING POINT:
                            322 F (161 C) @ 760mm Hg
SPECIFIC GRAVITY (H20 = 1):
                            1.38
VAPOR PRESSURE (mm Hg):
                            0.3 @ 68 F (20 C)
MELTING POINT:
                            N/A
VAPOR DENSITY (AIR = 1):
EVAPORATION RATE (ETHYL ACETATE = 1): 0.14
APPEARANCE/ODOR:
                             Yellow Paste/Mild Odor
SOLUBILITY IN WATER:
VOLATILE ORGANIC COMPOUNDS (VOC) Content
(Theoretical Percentage By Weight): 23% or (230 g/L)
______
       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
CHRONIC HEALTH HAZARDS
  No ingredients in this product is an IARC, NTP or OSHA Lister carcinogen.
 ______
TOXICOLOGY DATA
Ingredient Name
______
  Diacetone Alcohol
             Oral-Rat
                          LD50:4000 mg/kg
             Inhalation-Human TCLo: 100 ppm
______
       Section 12 -- Ecological Information
ECOLOGICAL DATA
Ingredient Name
______
  Diacetone Alcohol
             Food Chain Concentration Potential
             WATERFOWL TOXICITY
                                           N/A
             BOD
                                           N/A
             AQUATIC TOXICITY
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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