A CSW Industrials Company

SAFETY DATA SHEET

RECTORSEAL® NO. 5®

Premium Multi-Purpose Pipe Thread Sealant

Section 1 - Product and Company Information

Product Name
Rectorseal No. 5

Product Codes
25271, 25300, 25431, 25551, 25552, 25631, 25633, 25780, 25790, 25793

Chemical Family
Organic

Use
Pipe thread sealant

Manufacturer's Name
RectorSeal LLC
2601 Spenwick Drive
Houston, Texas 77055 USA

Date of validation
July 26, 2021

Date of Preparation
July 26, 2021

HMIS Codes

Health	1
Flammability	2
Reactivity	0
PPI	B

Emergency Telephone No.
Chemtrec 24 Hours
(800) 424-9300 USA
(703) 527-3887 International

Technical Service Telephone No.
(800) 231-3345 or (713) 263-8001

Section 2 - Hazards Identification

Emergency Overview

OSHA Hazards
None

Target Organs
Not classified

GHS Classification

Physical Hazards
Combustible liquid (Category 4)

Health Hazards
Not classified

Acute Toxicity:
Oral: Not Classified
Dermal: Not Classified
Inhalation: Not Classified
Skin Corrosion/Irritation: Not Classified
Serious Eye Damage/Eye Irritation: Not Classified

Section 2 - Hazards Identification

Respiratory or Skin Sensitization: Not Classified
Germ Cell Mutagenicity: Not Classified
Carcinogenicity: See Section 11
Reproductive Toxicology: Not Classified
Target Organ Systemic Toxicity - Single Exposure: Not Classified
Target Organ Systemic Toxicity - Repeated Exposure: Not Classified

Aspiration Toxicity: Not Classified

Specific target organ toxicity - single exposure (category 3), Respiratory system, H335

GHS Label elements, including precautionary statements



GHS07: Exclamation Mark

Signal Word: Warning

Hazard Statements:
H303 - May be harmful if swallowed.
H313 - May be harmful in contact with skin.
H335 + H336 - May cause respiratory irritation, and drowsiness or dizziness.

Precautionary Statements:
P102 - Keep out of reach of children.
P210 - Keep away from heat/sparks/open flames/hot surfaces. - No smoking
P240 - Ground/Bond container and receiving equipment
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P262 - Do not get in eyes, on skin, or on clothing.
P264 - Wash hands thoroughly after handling.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.
P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P362 - Take off contaminated clothing and wash before reuse.

EUH066 - Repeated exposure may cause skin dryness or cracking.
Precautionary Statements - EU No. 1272/2008

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.

Section 3 - Composition/Information on Ingredients

Ingredient:	Diacetone Alcohol
Percentage By Weight:	20-30
CAS Number:	123-42-2
EINEC:	204-626-7

Section 4 - First Aid Measures

IF INHALED:	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.
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.

Section 5 - Fire Fighting Measures

Extinguishing media
Foam, dry chemical, CO_2, 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.

Section 6 - Accidental Release Measures

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.

Section 7 - Handling and Storage

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. KEEP OUT OF REACH OF CHILDREN.

Section 8 - Exposure Controls/Personal Protection

Ingredient	Units
Diacetone Alcohol	
ACGIH TLV	50 ppm
OSHA PEL	50 ppm

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
OTHER: N/A
PROTECTIVE GLOVES: Wear rubber gloves.
EYE PROTECTION: Safety glasses (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.

Section 9 - Physical and Chemical Properties

BOILING POINT:	322°F (161°C) @ 760mm Hg
SPECIFIC GRAVITY (H20 = 1):	1.38
VAPOR PRESSURE (MMHG):	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 (317 g/L)
FLASH POINT:	150° F (65°C) SETA CC
LOWER EXPLOSION LIMIT:	N/D
UPPER EXPLOSION LIMIT:	N/D

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_2 and fragmented hydrocarbons.

Hazardous polymerization:
Will not occur.

Section 11 - Toxicology Information

Chronical Health Hazards:
No ingredient in this product is an IARC, NTP, or OSHA listed carcinogen

Toxicology Data:
Ingredient name

Diacetone Alcohol

Oral-Rat LD50:	4000 mg/kg
Inhalation-Rat LC50:	100 ppm

Section 12 - Ecological Information

Ecology Data:
Ingredient name

Diacetone Alcohol

Food Chain Concentration Potential	N/A
Waterfowl Toxicity	N/A
BOD	N/A
Aquatic Toxicity	N/A

Section 13 - Disposal Considerations

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.

Section 14 - Transportation Information

DOT:	Non-Regulated
OCEAN (IMDG):	Non-Regulated
AIR (IATA):	Non-Regulated
WHMIS (CANADA):	Non-Regulated

Section 15 - Regulatory Information

Regulatory Data

Ingredient	Diacetone Alcohol
SARA 313	N/A
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

Section 16 - Other Information

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