



A CSW Industrials Company

SAFETY DATA SHEET

RECTORSEAL® NO. 7

Corrosive chemical pipe thread sealant

SECTION 1 – PRODUCT AND COMPANY INFORMATION

Product Name
Rectorseal® No.7
Product Codes
17432
Chemical Family
Organic
Use
Pipe thread sealant
Manufacturer's Name
RectorSeal, LLC
2601 Spenwick Drive
Houston, Texas 77055 USA
Date of Validation
February 19, 2021
Date of Preparation
February 19, 2021

HMIS Codes
Health 2
Flammability 3
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

Flammable liquid, Target Organ Effect, Irritant

Target Organs

Lungs, Reproductive

GHS CLASSIFICATION

Physical Hazards

Flammable Liquid, Category 3

Health Hazards

Eye irritation, Category 2A
Reproductive toxicity, Category 2A
Specific target organ toxicity - single exposure, Category 3

Aspiration Toxicity: Not Classified

GHS Label elements, including precautionary statements



GHS02: Flammable
GHS08: Severe Health
GHS07: Exclamation
Mark Signal Word:
Warning

Hazard Statements:

H226 - Flammable liquid and vapour.
H319 - Causes serious eye irritation.
H361 - Suspected of damaging fertility or the unborn child.
H335 - May cause respiratory irritation.

Precautionary Statements:

P102 - Keep out of reach of children.
P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261 - Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray.
P264 - Wash skin thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P304 + P340 + P312 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Call a POISON CENTER/doctor if you feel unwell.
P305 + P351 + P338- IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
P308 + P313 - IF exposed or concerned: Get medical advice/ attention.
P337 + P313 - If eye irritation persists: Get medical advice/ attention.
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Storage:

P403 + P233 + p235 - Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405 - Store locked up.

Disposal:

P501 - Dispose of contents/container in accordance with local/regional/national/international regulations

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: 24.7

CAS Number: 123-42-2

EC#: 204-626-7

Ingredient: Ethyl Acetate

Percentage By Weight: 3.76

CAS Number: 141-78-6

EC#: 205-500-4

Ingredient: Methyl Isobutyl Ketone

Percentage By Weight: 0.1

CAS Number: 108-10-1

EC#: 203-550-1

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: Immediately flush with large amounts of water for at least 15 minutes. Get prompt 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, 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: Flammable - ambient 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
Ethyl Acetate	
ACGIH TLV:	400 ppm
OSHA PEL:	400 ppm
Methyl Isobutyl Ketone	
ACGIH TLV:	50 ppm
OSHA PEL:	100 ppm

Respiratory Protection (Specify Type): In confined poorly ventilated areas, use NIOSH/MSHA approved air purifying or supplied 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: 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.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Boiling point:	322°F (161°C) @ 760 mmHg
Specific gravity (H ₂ O = 1):	1.46
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:	Black paste/Mild odor
Solubility in water:	Insoluble
Volatile Organic Compounds (VOC) Content (theoretical percentage by weight):	28% or (408 g/L)
Flash point:	77°F (25°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, CO₂ and fragmented hydrocarbons.

Hazardous Polymerization: Will not occur.

SECTION 11 – TOXICOLOGY INFORMATION

Chronic Health Hazards

No ingredient 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

Ethyl Acetate

Oral-Rat LD50: 5620 mg/kg

Inhalation-Rat LC50: 100 ppm

Skin Rabbit LD50: > 20 ml/kg

Methyl Isobutyl Ketone

Oral-Rat LD50: 2080 mg/kg

Skin Rabbit > 20 ml/kg: Irritation eye rabbit

SECTION 12 – ECOLOGICAL INFORMATION

Ecological Data

Ingredient Name: **Diacetone Alcohol**

Food Chain Concentration Potential N/A

Waterfowl Toxicity N/A

BOD N/A

Aquatic Toxicity N/A

Ingredient Name: **Ethyl Acetate**

Food Chain Concentration Potential N/A

Waterfowl Toxicity LC50/96-Hr values for fish are > 100 mg/L

BOD N/A

Aquatic Toxicity N/A

Ingredient Name: **Methyl Isobutyl Ketone**

Food Chain Concentration Potential N/A

Waterfowl Toxicity N/A

BOD N/A

Aquatic Toxicity N/A

SECTION 13 – DISPOSAL CONSIDERATIONS

Waste Classification: RCRA Hazardous Waste, D001

Disposal Method: Approved incineration

Waste from this product is 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:	UN1993, Flammable liquid n.o.s. (contains diacetone alcohol & ethyl acetate), Class 3, PG III, ERG#128 Quarts and less: UN1993, Flammable liquid n.o.s. (contains diacetone alcohol & ethyl acetate), Class 3, PG III, Limited Quantities or Ltd. Qty.
Ocean (IMDG):	UN1993, Flammable liquid n.o.s. (contains diacetone alcohol & ethyl acetate), Class 3, PG III, MFAG#3-07 Quarts and less: UN1993, Flammable liquid n.o.s. (contains diacetone alcohol & ethyl acetate), Class 3, PG III, Limited Quantities or Ltd. Qty.
Air (IATA):	UN1993, Flammable liquid n.o.s. (contains diacetone alcohol & ethyl acetate), Class 3, PG III, ERG#128

SECTION 15 – REGULATORY INFORMATION

Regulatory Data

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

Ingredient Name:	Ethyl Acetate
SARA 313	N/A
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	U112

Regulatory Data (cont.)

Ingredient Name:	Methyl Isobutyl Ketone
SARA 313	N/A
TSCA Inventory	Yes
CERCLA RQ	N/A
RCRA Code	N/A

California Proposition 65



WARNING: This product can expose you to chemicals including Methyl Isobutyl Ketone, , which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

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