

Safety Data Sheet

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Information

Product name: OXY-PTFE-8
Alternate names: ----
Product Description: Thread sealant

Recommended use

Multipurpose thread sealant

Company Identification

Ratermann Manufacturing
601 Pinnacle Pl.
Livermore CA, 94550
Emergency Number: 507-205-9216
General Contact Number: (925) 606-2949

SECTION 2: HAZARDS IDENTIFICATION

Classification of substance or Mixture

This product is not considered to be a hazardous substance or mixture when classified in accordance with Regulation 29 CFR 1910.1200 (US GHS)

Label Elements

GHS Pictogram: none
Remarks: No labeling is required under Regulation 29 CFR 1910.1200 (US GHS).

Other Hazards

None known.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

Mixtures

Component	CAS No	Content %	Hazard Class/Hazard Statement
Water	7732-18-5	45 to 65	
Polytetrafluoroethylene	9002-84-0	40 to 60	
Trade Secret	Non hazardous	7 to 10	The remaining percentage are not listed as Physical or Health Hazards (29 CFR 1910.1200)

SECTION 4: FIRST AID MEASURES

General advise In cases of doubt seek medical attention.

Inhalation If inhaled, remove to fresh air. If symptoms persist, consult physician for treatment.

Skin contact Wash skin with soap and plenty of water. Remove contaminated clothing. Wash clothing before reuse.

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Eye contact Immediately flush eyes with plenty of water. Obtain medical attention if irritation develops.

Ingestion If swallowed, only induce vomiting if directed by medical personnel. Get medical attention.

Most important symptoms and effects, acute and delayed.

No information available.

Indication of any immediate medical attention and special treatment needed

No information available.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media: Incombustible, will not burn. .

Unsuitable Extinguishing Media: not applicable

Specific hazards arising from the chemical

In case of extreme fire, the following hazardous smoke fumes may be produced: hydrogen fluoride fumes.

Special protective equipment and precautions for fire-fighters

Wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

No health effects expected from the cleanup of this material if contact can be avoided. Remove all sources of ignition. Ventilate the area. Wear a self-contained breathing apparatus and appropriate personal protective equipment.

Environmental precautions

Obey relevant local, state, provincial and federal laws and regulations. Do not contaminate lake, streams, rivers, groundwater or soil.

Methods and materials for containment and cleaning up

None

Reference to other sections

For personal protection see section 8

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Use appropriate personal protective equipment (see section 8). Do not ingest. Avoid contact with eyes, skin and clothing.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed and in a well-ventilated place. Do not store at temperatures above 100c/212f. Do not store at temperatures below 0c/32f.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Information

Appropriate Engineering Controls

No special requirements under ordinary conditions of use and with adequate ventilations. Use material in well ventilated area only.

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Individual protection measures.

General information

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing to remove contaminants. Discard contaminated footwear that cannot be cleaned.

Eyes/Face Safety glasses with shields recommended

Skin/Hand Use nitrile or neoprene gloves. Use good industrial hygiene practices. In case of skin contact, wash hands and arms with soap and water.

Respiratory Use a properly fitted air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this a necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Note: Physical and chemical properties are provided for safety, health and environmental considerations only and may not fully represent product specifications. Contact the Supplier for additional information.

Information on basic physical and chemical properties

Physical State	Paste
Color	white
Odor	odorless
Relative Density (at 15.6°C)	1.2
Flash Point [COC]	none
Vapor Pressure	<0.01
Vapor Density (air=1)	Not available
Relative Density	Not available
Solubility in Water	dispersible

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: The product is stable under normal circumstances

Reactivity: No Data Available

Conditions to avoid: Temperatures above 250f without adequate ventilation. Will not polymerize.

Materials to avoid: Strong alkali

Hazardous decomposition products: above 650c/1202f COF₂, CF₄, CO₂

Hazardous polymerization: Hazardous polymerization will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

General Information: No toxicology test have been conducted on this mixture itself. Avoid contact with the skin and eyes and inhalation of the product vapors.

ACUTE TOXICITY

INHALATION	No data available
EYES	No data available
INGESTION	No data available
SKIN	No data available

CHRONIC/OTHER EFFECTS

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SENSITIZER	No data available
CARCINOGENICITY	No data available
MUTAGENICITY	No data available
REPRODUCTIVE TOXICITY	No data available

SECTION 12: ECOLOGICAL INFORMATION

General Information No investigations were carried out with the mixture itself. No evidence for hazardous properties. (analogy of components)

AQUATIC TOXICITY

- Acute Aquatic ecotoxicity:** No test results available for this mixture.
- Chronic Aquatic ecotoxicity:** No test results available for this mixture.
- Persistence and degradability:** No test results available for this mixture.
- Bioaccumulative potential:** No test results available for this mixture.
- Mobility in soil:** No test results available for this mixture.
- Results of PBT and vPvB assessment:** No test results available for this mixture..
- Other adverse effects:** No test results available for this mixture..

SECTION 13: DISPOSAL CONSIDERATION

WASTE DISPOSAL

- Waste treatment methods:** Dispose of according to Federal, State, Local, or Provincial regulations.
- Disposal Methods:** Recycle used oil.
- Waste Disposal:** Use material is non-hazardous according to environmental regulations.
- Contaminated packaging:** Recycle containers whenever possible!

EMPTY CONTAINER WARNING (where applicable)

Disposal should be in accordance with applicable regional, national and local laws and regulations..

SECTION 14: TRANSPORT INFORMATION

US DOT Hazard Classification

Not subject to the regulations of dangerous goods.

Sea IMDG

Not subject to the regulations of dangerous goods

AIR (IATA)

Not dangerous according to transportation regulations

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for this mixture

OSHA HAZARD COMMUNICATION STANDARD

This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Inventory Information

REACH (eu)	preregistered, registered or exempted
TSCA (usa)	listed or exempted
DSL (cdn)	listed or exempted
AICA (aus)	listed or exempted
METI (J)	listed or exempted
ECL (kor)	listed or exempted
PICCS (rp)	listed or exempted
IECSC (cn)	listed or exempted
HSMO (nz)	listed or exempted

hsr002605, lubricants(low hazard) group standard 2006

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ECS (Taiwan) listed or exempted

CERCLA SECTIONS 302, 313, 311, 312: This material does not contain reportable chemicals.

STATE REGULATIONS

Massachusetts RTK Substances: This material does not contain reportable chemicals

New Jersey RTK Hazardous Substances: This material does not contain reportable chemicals

Pennsylvania RTK Hazardous Substances: This material does not contain reportable chemicals

Rhode Island Right To Know (RTK): This material does not contain reportable chemicals

Canada CPR: This product has been classified in accordance with the hazard criteria Controlled Products Regulations (CPR) and the SDS contains all the information required by the Regulations.

SECTION 16: OTHER INFORMATION

National Fire Protection Association (USA) NFPA	Health	1	Flammability	0	Reactivity	0		
Hazardous Material Identification System (USA) HMIS	Health	1	Flammability	0	Reactivity	0	Special Hazard	0

DISCLAIMER:

The information and recommendations contained within this document are believed by Fluoramics to be accurate and reliable as of the date prepared. The information and recommendations are offered for the user's consideration and analysis and in no way guarantee the chemical specifications for the specified product. It is solely the responsibility of the user to determine safe conditions for use of this product and to assume liability for any loss, damage or expense arising out of the product's improper use. The user should consider the information in this document in the context of how the selected product will be handled and used in conjunction with other products. It is the user's responsibility to determine that the product is suitable for the intended use.

Appropriate warnings and safe-handling procedures should be provided to all handlers and users. Fluoramics assumes no responsibility for any damage or injury resulting from abnormal use or from any failure to adhere to recommended practices within this document.

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