Dynatex Thread Sealant w/ PTFE

Safety Data Sheet

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SECTION 1: Identification

1.1. Product identifier

Product form : Mixture

Trade name : Dynatex Thread Sealant w/ PTFE

Reference number : 143468, 143470

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.2.1. Relevant identified uses

Main use category : Consumer use/Professional use

Use of the substance/mixture : Lubricant

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

Soudal
350 Ring Road
Elizabethtown, KY 42701 (270)
769-3385

technical@soudalaccumetric.com www.SoudalUSA.com

1.4. Emergency telephone number

Emergency number : (800) 424-9300 CHEMTREC
24h/24h

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

OSHA/HCS Status:

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

Classification

AQUATIC HAZARD (ACUTE) Category 3

Adverse physicochemical, human health and environmental effects

2.2. Label elements

Hazard pictograms (CLP) :

Signal word (CLP) : No signal word

Hazard statements (CLP) : Harmful to aquatic life.
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Precautionary statements (CLP) : Avoid release to the environment

Disposal	Dispose of contents and container in a accordance with all local, regional, national, and international regulations.
Extra phrases	:

2.3. Other hazards

No data available.

No data available.

SECTION 3: Ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This product is a mixture.

Name	Product identifier	%
Titanium dioxide	CAS-No.: 13463-67-7	3 – 5
Cadmium (Non-pyrophoric)	CAS-No.: 7440-43-9	≤ 0.000019

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	:	First responders should pay attention to self-protection and used recommended clothing (chemical resistant gloves and splash protection). If potential for exposure exists, refer to section 8 for specific PPE.
First-aid measures after inhalation	:	Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.
First-aid measures after skin contact	:	Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion	:	Call a poison center or a doctor if you feel unwell. Do not induce vomiting unless directed to do so by medical personnel.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after skin contact	: No known significant effects or critical hazards.
Symptoms/effects after eye contact	: No known significant effects or critical hazards.
Symptoms/effects after inhalation	: No known significant effects or critical hazards.
Symptoms/effects after ingestion	: No known significant effects or critical hazards.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Alcohol-resistant Foam. Carbon dioxide. Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire: Carbon oxides. Halogenated compounds, metal oxide/oxides
Unusual Fire and Explosion Hazards: Exposure to combustion products may be a hazard to health.

5.3. Advice for firefighters

Fire Fighting Procedures: Use water spray to cool unopened containers. Evacuate area. Collect contaminated fire extinguishing water separately. Do not discharge into drains. Fire residues and contaminated fire extinguisher water must be disposed of in accordance with local regulations.

Special protective equipment for firefighters: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

6.1.2. For emergency responders

Protective equipment: Use personal protective equipment. Follow safe handling advice and personal protective equipment recommendations.

6.2. Environmental precautions

Discharge into environment must be avoided. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.3. Methods and material for containment and cleaning up

Wipe up or scrape up and contain for salvage or disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You need to determine which regulations are applicable. For large spills, provide diking and other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.

6.4. Reference to other sections

For further information refer to section 7, 8, 11, 12, and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid contact with eyes. Do not swallow. Avoid prolonged or repeated contact with skin. Take care to prevent spills, waste, and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice.

Hygiene measures: Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep in properly labelled containers. Store in accordance with local, regional, and national regulations.

Incompatible products: Strong oxidizing agents

Unsuitable materials for containers: None known

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

Titanium dioxide (13463-67-7)	
ACGIH (TLV)	10 mg/m^3, 8 hours
OSHA (PEL)	15 mg/m^3, 8 hours, Total Dust
Cadmium (Non-pyrophoric) (7440-43-9)	
OSAH PEL (TWA)	0.2 mg/m^3, 8 hours, Dust
OSHA PEL (CEIL)	0.6 mg/m^3, Dust
OSHA PEL (TWA)	0.1 mg/m^3, 8 hours, Fertilizer and/or industrial use
OSHA PEL (TWA)	0.3 mg/m^3, 8 hours, Fertilizer and/or industrial use
OSH PEL (TWA)	5 µg/m^3, (as Cd) 8 hours
ACGIH TLV (TWA)	0.01 mg/m^3, (as Cd) 8 hours, Inhalable fraction
ACGIH TLV (TWA)	0.002 mg/m^3,(as Cd) 8 hours, Respirable fraction

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.5. Control banding

No additional information available

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Appropriate engineering controls: Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

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8.2.2. Personal protection equipment

Personal protective equipment symbol(s):

8.2.2.1. Eye and face protection

Eye protection:
Safety glasses (w/ side shields)

8.2.2.2. Skin protection

Skin and body protection:
Wear suitable protective clothing

Hand protection:
Use gloves chemically resistant to this material. Chlorinated polyethylene, neoprene, nitrile/butadiene rubber, polyethylene, ethyl vinyl alcohol laminate, polyvinyl chloride, Viton, polyvinyl alcohol, and butyl rubber. NOTICE: The selection of proper gloves for a particular application and duration of use in workplace should also take into account all relevant workplace factors such as, but no limited to: other chemicals which may be handled, physical requirements (cut/puncture resistant, dexterity thermal protection), potential body reactions to glove materials, as well as instructions/specifications provided by the glove supplier.

8.2.2.3. Respiratory protection

Respiratory protection:
Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or were indicated by your risk assessment process. For emergency conditions, use an approved positive-pressure selfcontained breathing apparatus. The following types of air-purifying respirators should be effective: Organic vapor cartridge.

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls: Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid (Semi-solid)
Color	: White
Appearance	: Smooth Homogenous Paste
Odor	: Mild
Odor threshold	: Not available
Melting point	: Not applicable
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not classified as a flammability hazard
Explosive properties	: Not available
Explosive limits	: Not available
Lower explosive limit (LEL)	: Not available
Upper explosive limit (UEL)	: Not available
Flash point	: 204.44° C (400° F) [Cleveland Open Cup]
Auto-ignition temperature	: Not available
Decomposition temperature	: Not available
pH	: Not applicable
Viscosity, kinematic	: Not available
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapor pressure	: Not available
Vapor pressure at 50 °C	: Not available
Density	: 1.2 g/ml
Relative density	: Not available
Relative vapor density at 20 °C	: Not available
Particle size	: Not applicable

Particle size distribution	: Not applicable
Particle shape	: Not applicable
Particle aspect ratio	: Not applicable
Particle aggregation state	: Not applicable
Particle agglomeration state	: Not applicable
Particle specific surface area	: Not applicable
Particle dustiness	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

% of flammable ingredients :

9.2.2. Other safety characteristics

VOC content : 0 g/L (0% VOC)

SECTION 10: Stability and reactivity

10.1. Reactivity

Not classified as a reactivity hazard

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Can react with strong oxidizing agents. When heated to temperatures above 150°C

10.4. Conditions to avoid

Do not heat above the flash point.

10.5. Incompatible materials

Avoid contact with oxidizing materials.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes

Cadmium (Non-pyrophoric) (7440-43-9)	
LD50 oral (rat)	2,330 mg/kg

Skin Corrosion/Irritation

No relevant information available.

Serious eye damage/eye irritation

No relevant information available.

Sensitization

No relevant information available.

Specific Target Organ Systemic Toxicity – Single Exposure

No relevant information available.

Specific Target Organ systemic Toxicity – Repeated Exposure

Cadmium (Non-pyrophoric) (7440-43-9)	
Category 1	Known to be a human carcinogen

Carcinogenic

Titanium dioxide (13463-67-7)	
Category 2B	
Crystalline Silica (respirable powder) (14808-60-7)	
Category 1	Known to be a human carcinogen

Teratogenicity
No relevant information available.

Reproductive Toxicity
No relevant information available.

Mutagenicity
No relevant information available.

11.2. Information on other hazards

No additional information available

SECTION 12: Ecological Information

12.1 Toxicity

Titanium Dioxide (13463-67-7)	
LC50	6.5 mg/L (Daphnia pulex, 48 h) 3 mg/L (Ceriodaphnia dubia, 48 h) >1,000,000 µg/L (Fundulus heteroclitus, 96 h)
Cadminum (Non-pyrophoric) (7440-43-9)	
LC50	0.072 µg/L (Amphipoda, 48 h) 1 µg/L (Pimephales promelas, 96 h)
EC50	97 µg/L (pseudokirchneiella subcapitata, 72 h) 0.095 mg/L (Ulva pertusa, 96 h) 200 µg/L (Lemna minor, 4 d) 13.5 µg/L (Daphnia magna, 48 h)
NOEC	2 µg/L (Parachlorella kessleri, 72 h) 0.02 µg/L (Cyprinus carpio, 4 w)

12.2 Persistence and degradability

No further relevant information available.

12.4. Mobility in Soil

Soil/Water Partition Coefficient K_{OC}) Not available
Other adverse effects: No known significant effects or critical hazards

SECTION 13: Disposal

13.1. Waste treatment methods

We make no guarantee or warranty of any kind that the use of disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with requirements and applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

SECTION 14: Transport Information

UN Number: N/A
UN Proper Shipping Name: Not regulated as a dangerous good
DOT Classification: Not regulated as a dangerous good

Packing Group:	Not regulated as a dangerous good	
International Regulations:	UNRTDG	Not regulated as a dangerous good
	IATA-DGR	Not regulated as a dangerous good
	IMDG-Code	Not regulated as a dangerous good

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. US Federal Regulations

This product does not dry or produce dust under normal use. Since the product is in a paste/grease form, the risk of exposure to dust is minimal or non-esistent and the related hazard statements are therefore not shown in the SDS even if some hazardous ingredients are listed in this Section for other regulatory requirements.

TSCA 4(a) final test rules: Polytetraflouroethylene
TSCA 6 proposed risk management: Lead
TSCA 8(a) CDR Exempt/Partial Exempt: Not determined
TSCA 12(b) annual export notification: None of the components are listed.

TSCA:
All components of this product follow the inventory listing requirements of the US Toxic Substances and Control Act (TSCA) Chemical

Clean Water Act (CWA) 307: Zinc oxide; Cadmium (Non-pyrophoric); Lead
Substances Inventory.
SARA 302/304: No products were found.
SARA 304 RQ: Not applicable
SARA 311 and 312:

Titanium Dioxide	CARCINOGENICITY	Category 2	
Crystaline Silica, respirable powder	CARCINOGENICITY	Category 1A	
	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE)		Category 1
	SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) (respiratory tract) (inhalation)	Category 1	

SARA 313:

Form R Reporting Requirements
- Zinc Oxide (1314-13-2)
- Lead (7439-92-1)

Supplier Notification
- Zinc Oxide (1314-13-2)

15.1.2. US State Regulations

Massachusetts
- Distillates (petroleum), hydrotreated, light naphthenic
- Limestone
- Hydrous Magnesium Silicate
- Titanium Dioxide
- Zinc oxide

New York
- None of the components are listed.

New Jersey
- Distillates (petroleum), solvent refined heavy naphthenic
- Distillates (petroleum), hydrotreated, light naphthenic
- Limestone
- Crrystalline silica (respirable powder)
- Hydrous Magnesium Silicate
- Titanium Dioxide
- Zinc oxide

Pennsylvania
- Ethene
- 1,1,2,2-Tetrafluoro-, homopolymer
- Limestone
- Crystalline silica
- Hydrous magnesium silicate
- Titanium Dioxide

Zinc oxide

California Prop 65:
WARNING: This product can expose you to Cadmium (Non-pyrophoric), respirable powder, which is known to the State of California to cause cancer, and Titanium dioxide, respirable powder, which is known to the State of California to cause birth defects and other reproductive harm. For more information go to www.P65Warnings.ca.gov.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Disclaimer: The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material of the results to be obtained from the use thereof.