

# Safety Data Sheet

Revision Date: 12/23/2025

Product ID: SILVGREASE10-PRO

Version number: 1.00

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product Identifier

Product Name : Performance Thermal Paste - 10g  
Product ID : SILVGREASE10-PRO

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

Use of the substance/mixture : Heat transfer compound

### 1.3. Details of the supplier of the safety data sheet

Company Name : StarTech.com Ltd.  
Address : 45 Artisans Crescent, London, Ontario N5V 5E9 Canada  
Telephone : +1 800 265 1844  
Email Address : support@startech.com

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified as hazardous.

### 2.2. Other hazards

Not available.

## SECTION 3: Composition/information on ingredients

### 3.1. Mixtures

Mixture of the substances listed below with nonhazardous additions:

CAS-No.	Chemical Name	Content %
63148-62-9	Polydimethylsiloxane	15
1314-13-2	Zinc Oxide	24
1344-28-1	Aluminum Oxide	61

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

After inhalation : Remove person to fresh air and keep comfortable for breathing.  
Get medical attention if symptoms occur.

After skin contact : Wash with water and soap as a precaution.  
Get medical attention if symptoms occur.

After eye contact : Flush eyes with water as a precaution.  
Get medical attention if irritation develops and persists.

After swallowing : If swallowed, DO NOT induce vomiting.  
Get medical attention if symptoms occur. Rinse mouth thoroughly with water.

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

None known.

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## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media : Water spray, alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), or dry chemical.

### 5.2. Special hazards arising from the substance or mixture

Exposure to combustion products may be a hazard to health.

Hazardous combustion products : Carbon oxides, Silicon oxides, Metal oxides, Formaldehyde

### 5.3. Advice for firefighters

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Use personal protective equipment.

Wear self-contained breathing apparatus for firefighting if necessary.

## SECTION 6: Accidental release measure

### 6.1. Personal precautions, protective equipment and emergency procedures

Follow safe handling advice and personal protective equipment recommendations.

### 6.2. Environmental precautions

Discharge into the 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

Soak up with inert absorbent material. For large spills, provide dyking or other appropriate containment to keep material from spreading.

If dyked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbent.

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.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Use only with adequate ventilation.

Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment.

Avoidance of contact : Oxidizing agents, Water

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in properly labelled containers. Store in accordance with the particular national regulations.

Do not store with the following materials : Strong oxidizing agents

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## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

Contains no substances with occupational exposure limit values.

### 8.2. Exposure controls

Ensure that eye flushing systems and safety showers are located close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

Respiratory protection	: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Filter type - Combined particulates, organic gas and low boiling vapour type.
Eye/face protection	: Wear personal protective equipment - Safety glasses.
Skin and body protection	: Skin should be washed after contact.
Hand protection	: Wash hands before breaks and at the end of workday.

These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	: Grease
Colour	: Grey
Odour	: None
Odour Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: Not applicable
Flash point (°C)	: > 200 CC (Closed cup)
Evaporation rate	: Not applicable
Flammability	
Solid	: Not applicable
Gas	: Not applicable
Self-ignition	: The substance or mixture is not classified as pyrophoric. The substance or mixture is not classified as self heating.
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Explosion limits	
Lower	: No data available
Upper	: No data available
Water solubility	: No data available
Partition coefficient (n-octanol/water)	: No data available
Viscosity, dynamic	: Not applicable
Explosive properties	: Not explosive
Oxidizing properties	: The substance or mixture is not classified as oxidizing.
Molecular weight	: No data available
Particle size	: No data available

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## SECTION 10: Stability and reactivity

### 10.1. Reactivity

This product is not classified as a reactivity hazard

### 10.2. Chemical stability

This product is stable under normal conditions

### 10.3. Possibility of hazardous reactions

This product can react with strong oxidizing agents.

When heated to temperatures above 150°C in the presence of air, product can form formaldehyde vapours.

Safe handling conditions may be maintained by keeping vapour concentrations within the occupational exposure limit for formaldehyde.

Hazardous decomposition products will be formed upon contact with water or humid air.

Hazardous decomposition products will be formed at elevated temperatures.

### 10.4. Conditions to avoid

Exposure to moisture.

### 10.5. Incompatible materials

Oxidizing agents, Water

### 10.6. Hazardous decomposition products

Contact with water or humid air	: Methanol
Thermal decomposition	: Formaldehyde

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Exposure routes	: Skin contact, Ingestion, Eye contact
Acute toxicity	: Not classified based on available information.
Skin corrosion/irritation	: Not classified based on available information.
Serious eye damage/eye irritation	: Not classified based on available information.
Skin sensitisation	: Not classified based on available information.
Respiratory sensitisation	: Not classified based on available information.
Germ cell mutagenicity	: Not classified based on available information.
Carcinogenicity	: Not classified based on available information.
Reproductive toxicity	: Not classified based on available information.
STOT - single exposure	: Not classified based on available information.

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STOT - repeated exposure : Not classified based on available information.

Aspiration toxicity : Not classified based on available information.

## SECTION 12: Ecological information

### 12.1. Toxicity

No data is available.

### 12.2. Persistence and degradability

No data is available.

### 12.3. Bioaccumulative potential

No data is available.

### 12.4. Mobility in soil

No data is available.

### 12.5. Other adverse effects

No data is available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Waste from residues : Dispose of in accordance with local regulations.

Contaminated packaging : Empty containers should be taken to an approved waste handling site for recycling or disposal. If not otherwise specified: Dispose of as unused product.

## SECTION 14: Transport information

UNRTDG : Not regulated as a dangerous good.

IATA : Not regulated as a dangerous good.

IMDG : Not regulated as a dangerous good.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code : Not applicable.

## SECTION 15: Regulatory information

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

The components of this product are reported in the following inventories:

AICS : All ingredients listed or exempt.

DSL : This product contains one or more substances which are not on the Canadian Domestic Substances List (DSL). Import of this product into Canada has volume limitations.

ENCS / ISHL : Consult your local Chemical office.

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IECSC	: All ingredients listed or exempt.
KECI	: All ingredients listed, exempt or notified.
NZIoC	: All ingredients listed or exempt.
TCSI	: All ingredients listed or exempt.
TSCA	: All chemical substances in this product are either listed on the TSCA Inventory or are in compliance with a TSCA Inventory exemption.

### SECTION 16: Other information

The information contained in this document is based on StarTech.com's state of knowledge at the time of preparation. No warranty as to its accurateness, completeness or suitability for a particular purpose is expressed or implied. This shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.