



Material Safety Data Sheet

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Version: 1.0

Revision Date: 2014/03/19

ELEY Silicone Grease 1124

1 - Chemical Product and Company Identification

Eley Corporation
5232 South Bennington Place
Lincoln, NE 68516

Phone: 402-458-8481
Fax: 402-458-8493
Emergency Phone: 402-580-1891

General Description: Silicone Grease
Physical Form: Grease
Appearance: Translucent White
Odor: Odorless
MSDS No: 0101124
NFPA Profile: Health 0 Flammability 1 Instability/Reactivity 0

2 - Hazards Identification

Potential Health Effects

Acute Effects

Eye: Direct contact may cause temporary redness and discomfort.
Skin: No significant irritation expected from a single short-term exposure.
Inhalation: No significant effects expected from a single short-term exposure.
Oral: Low ingestion hazard in normal use.

Prolonged/Repeated Exposure Effects

Skin: No known applicable information.
Inhalation: No known applicable information.
Oral: No known applicable information.

Signs and Symptoms of Overexposure

No known applicable information.

Medical Conditions Aggravated by Exposure

No known applicable information.

3 - Composition / Information on Ingredients

None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.

4 - First Aid Measures

Eye: If irritation occurs, flush eye(s) with lukewarm gently flowing water for 5 minutes. Obtain medical attention.

Skin: No health effects expected. If irritation does occur flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.



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Inhalation: If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

Oral: If irritation or discomfort occur, obtain medical advice.

Notes to Physician: Treat according to person's condition and specifics of exposure.

5 - Fire-Fighting Measures

Flash Point:> 214 °F / > 101.1 °C (Closed Cup)

Auto ignition Temperature:Not determined.

Flammability Limits in Air:Not determined.

Extinguishing Media:On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide (CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers.

Fire Fighting Measures:Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire Hazards:None.

6 - Accidental Release Measures

Containment/Clean up: Observe all personal protection equipment recommendations described in Sections 5 and 8. Wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Note: See Section 8 for Personal Protective Equipment for Spills.

7 - Handling and Storage

Use with adequate ventilation. Avoid eye contact.

Use reasonable care and store away from oxidizing materials. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

8 - Exposure Controls / Personal Protection

Component Exposure Limits



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There are no components with workplace exposure limits.

Engineering Controls

Local Ventilation: None should be needed.

General Ventilation: Recommended.

Personal Protective Equipment for Routine Handling

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Suitable Gloves: Handle in accordance with good industrial hygiene and safety practices.

Inhalation: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

Personal Protective Equipment for Spills

Eyes: Use proper protection - safety glasses as a minimum.

Skin: Washing at mealtime and end of shift is adequate.

Inhalation/Suitable Respirator: No respiratory protection should be needed.

Precautionary Measures: Avoid eye contact. Use reasonable care.

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

9 - Physical and Chemical Properties

Physical Form:	Grease
Color:	Translucent white
Odor:	Odorless
Specific Gravity @ 25°C:	1.1
Viscosity:	Not determined.
Freezing/Melting Point:	Not determined.
Boiling Point:	Not determined.
Vapor Pressure @ 25°C:	Not determined.
Vapor Density:	Not determined.
Solubility in Water:	Not determined.
PH:	Not determined.
Volatile Content:	Not determined.
Flash Point:	> 214 °F / > 101.1 °C (Closed Cup)
Auto ignition Temperature:	Not determined.
Flammability Limits in Air:	Not determined.

10 - Stability and Reactivity

Chemical Stability:	Stable.
Hazardous Polymerization:	Hazardous polymerization will not occur.
Conditions to Avoid:	None.
Materials to Avoid:	Oxidizing material can cause a reaction.

Hazardous Decomposition Products



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Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

11 - Toxicological Information

Special Hazard Information on Components

No known applicable information.

12 - Ecological Information

Environmental Fate and Distribution: Complete information is not yet available.
Environmental Effects: Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants: Complete information is not yet available.

13 - Disposal Considerations

RCRA Hazard Class (40 CFR 261):

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No

14 - Transport Information

DOT Transportation Data (49 CFR 172.101): Not subject to DOT.
Ocean Shipment (IMDG): Not subject to IMDG code.
Air Shipment (IATA): Not subject to IATA regulations.

15 - Regulatory Information

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA

Inventory of Chemical Substances.

EPA Regulations:

Section 302 Extremely Hazardous Substances (40 CFR 355): None.

Section 304 CERCLA Hazardous Substances (40 CFR 302): None.

Section 311/312 Hazard Class (40 CFR 370):

Acute: No
Chronic: No
Fire: No
Pressure: No
Reactive: No

Section 313 Toxic Chemicals (40 CFR 372):

None present or none present in regulated quantities.

Note: Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.



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OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910): Not listed

State Regulations: None

Ingredient Name	CAS Number	% wt.	Exposure Limits
SILICA AMORPHOUS	7631-86-9	9	OSHA PEL: 6MG/M3 ACGIH TLV: 10MG/M3
SILOXANES AND SILICONES	63148-62-9	85	OSHA PEL: NOT ESTABLISHED ACGIH TLV: NOT ESTABLISHED
DI-ME, HYDROXY – TERMINATED	70131-67-8	6	OSHA PEL: NOT ESTABLISHED ACGIH TLV: NOT ESTABLISHED

Section 16 - Other Information

Prepared By: Eley Corporation

Additional Hazard Rating Systems: None

Disclaimer: The information given and the recommendations made herein apply to our product(s) alone and not combined with other product(s). Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchaser's responsibility before using any product to verify this data under their own operating conditions and to determine whether the product is suitable for their purposes.