

Safety Data Sheet

Super Hi-Glyde Silicone Grease

Effective: 03/21/2018

1. Product & Company Identification

Product Name: Super Hi-Glyde

Recommended Use: Lubricant (for food contact)

Company: Hi-Tech Seals Inc.

9211 41 Ave NW.

Edmonton, AB T6E 6R5

Telephone: 780.438.6055

Toll Free: 1.800.661.6055

2. Composition / Information on Ingredients

Hazardous Components Name	Concentration / Percentage (%)	NFPA Hazard Rating
Silicone Oil	88~92	No

3. Hazard Identification

Eye Contact: May cause irritation or injure eye tissue if not removed promptly.

Skin Contact: Frequent or prolonged contact may irritate and cause dermatitis. Repeated or extended contact may cause de-fatting of the skin, which may lead to skin irritation and / or dryness.

Inhalation: Overexposure may be irritating to respiratory passages and cause other effects such as eye irritation or nausea. Care should be taken not to exceed the TWA.

Ingestion: Irritating to mouth, throat and stomach. May cause gastric tract damage and / or disorder. Small amount of liquid aspirated into the respiratory system during ingestion or from vomiting may cause bronchopneumonia or pulmonary edema.

4. First Aid Measures

Inhalation: If symptoms or signs of distress occur, move individual to fresh air. Seek medical attention if there is difficulty with breathing, or if breathing stops all together.

Skin Contact: Flush with a large amount of water; use soap if available. Remove clothing that has been heavily contaminated. Remove and wash shoes before re-use, discard shoes if heavily contaminated. Get medical attention if irritation symptoms occur.

Eye Contact: Immediately flush eyes with a large amount of water for at least 15 minutes, lifting upper and lower lids. Get prompt medical attention.

Ingestion: If swallowed, do not induce vomiting. If individual is conscious, give milk or water to dilute stomach contents. Keep warm and quiet. Get prompt medical attention.

Note to Physician: For inhalation, consider oxygen. For ingestion, consider gastric lavage. Avoid carbonates, bicarbonates.



5. Firefighting Measure

Flash Point: No

Auto-Ignition: No

Extinguishing Media: Use water, foam, dry chemical, or carbon dioxide to extinguish fire.

Firefighting Procedures: Firefighters should be equipped with self-contained breathing apparatus to protect against potentially toxic and irritating fumes.

6. Accidental Release Measures

Spill and Leak Procedure: Shut off ignition sources. Stop leak if you can do so without risk. For small liquid spills, clean up with sand or other absorbent material. For larger spills, create a barrier around spill for later disposal. No smoking, flares, or flames in hazard area. Remove unnecessary people from spill or leak area.

Environmental Protection: Prevent diffusion and entry into the sewage system.

Attention: For safety and environmental precautions please review entire Safety Data Sheet.

7. Handling and Storage

Handling: Ensure sufficient exhaust ventilation in the working area.

Storage: Keep container tightly closed and store between 5°C and 40°C (41°F and 104°F).

8. Exposure Control / Personal Protection

Ventilation Protection: Ensure efficient exhaust ventilation in the working area.

Respirator Protection: Avoid prolonged or repeated breathing of vapour or mist. If exposure may exceed occupational exposure limits, use a NIOSH approved respirator to prevent overexposure.

Eye Protection: Wear chemical goggles.

Hand Protection: Impervious neoprene or rubber gloves are recommended.

Clothing Protection: Standard industrial hygiene procedures should be practiced.

Hygiene Procedures: Observe common precautionary measures; contaminated clothes must be changed immediately. Wash hands after work is complete.

9. Physical and Chemical Properties / Characteristics

Appearance: White liquid

Flash(ing) Point: No

Odour: No

Specific Gravity: > 1.1(Water=1)

10. Stability and Reactivity

Stability: Stable.

Conditions to Avoid: Keep away from flame.

Incompatibility: No

Hazardous Decomposition Products: No



11. Disposal Information

Waste Disposal Methods: Waste disposal should be in accordance with existing federal, state and local environmental regulations.

Empty Containers Warnings: Empty containers may contain product residue; follow SDS warnings even after containers have been emptied.

12. Toxicological Information

Target Organs: No

Irritation: No

Toxicity: No

Irritation: No

13. Ecological Information

Mobility: This product is insoluble in water. If placed in water, it will sink. It is poorly absorbed by soils or sediments.

14. Transport Information

Packaging Category: Jar barrel

Transport: The transport department abides to all laws, rules, and regulations.

15. Regulation Information

TSCA: All components are on the TSCA.

R36: Irritating to eyes.

R38: Irritating to skin.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

S09: Keep container in a well-ventilated place.

S16: Keep away from ignition sources. No smoking when using the product.

S25: Avoid contact with skin and eyes.

S43: In case of fire use sand, earth, chemical powder, or alcohol type foam to extinguish the blaze.

16. Other Information

The information provided in this Safety Data Sheet (SDS) is correct to the best of our knowledge, information, and belief at the date of its publication. The information provided is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and will not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS. It may not be valid when the SDS material is used in combination with other materials or processes, unless specified in text.

