



MATERIAL SAFETY DATA SHEET

Item No. : 302
Item Name : **Silicone Grease**
Company : Ultra Energy Adhesive Trading Co. Ltd
Address : Room 1009, International Plaza, 20 Sheung Yuet Road,
Kowloon Bay, Kowloon, Hong Kong.
Tel : 852 - 2751 8880
Fax : 852 - 2795 1625
Email : info@uea.com.hk

1. Composition

Common Chemical Name : Mixture of polydimethyl siloxane and silica
Hazardous Material : None

2. Hazards Identification

Adverse human health effects : Slightly irritating to eyes.
Environmental effects : Present no particular risk to environment, provided the disposal requirements and national or local regulation are complied with.
Physical and chemical hazards : Explosive vapor / air mixtures may be formed above 200°C
Classification / Specific hazards : Not classification as a hazardous substance.
Further information : If spilled, may cause the floor to be slippery.

3. First-Aid Measures

Inhalation : Not specifically applicable.
Skin contact : Wipe off as much as possible (using a clean, soft, absorbent material), Wash immediately with plenty of soap and water.
Eye contact : Immediately rinse with water for a prolonged period whilst keeping the eyes wide open. If irritation persists, consult an eye specialist.
Ingestion : Do not give an unconscious person anything to drink. Consult a doctor if necessary.

4. Fire-Fighting Measures

Extinguishing media : Suitable : ♦ Foam
♦ Powders
♦ Carbon dioxide (CO²)
Not suitable : Strong water jet

5. Accidental release measures

Personal precaution

- ♦ Personal protective equipment : Safely glasses
- ♦ Stop the leak. Turn leaking containers leak - side up to prevent the escape of liquid.



MATERIAL SAFETY DATA SHEET

Environmental precaution

- ♦ Do not discharge into drains or rivers.

Methods for cleaning up

- ♦ Recovery : Collect up the product and place it in a spare container
 - * Suitably labeled
 - * With a closing device
- ♦ Keep the recovered product for subsequent disposal.

Neutralization

Absorb non - recoverable liquid with :

- ♦ Dry sand or dry inert absorbent

Cleaning / Decontamination

- ♦ Decontaminate and wash the floor with an appropriate, Self - emulsifying solvent.
- ♦ Then wash with plenty of water.

Disposal

- ♦ Incinerate contaminated material at an authorized installation.

6. Handling and Storage

Handling

Technical measures : Does not require any specific or particular measures.

Storage

Technical measures : Take all necessary measure to avoid accidental discharge of products into drains and waterways due to the rupture of containers or transfer systems.

Storage conditions

Recommended : Stable under normal storage conditions.
Packaging : Product may be packaged in normal commercial packaging.
Packaging materials : Coated steels, plastic material
(Recommended)

7. Exposure controls / personal protection

Personal protective equipment : Eye protection (Goggles)
Collective emergency equipment : Eye fountain

8. Physical and Chemical properties

Appearance : Translucent viscous liquid
Odor : None to very slight
pH : Not applicable
Freezing : Approx, - 55°C



MATERIAL SAFETY DATA SHEET

Decomposition : > 200°C
Flash point : 280°C (Closed cup)
Vapor pressure : < 0.01 kPa at 20°C

9. Stability and reactivity

Stability

Stable at room temperature

Hazardous reactions

Materials to avoid : Reacts with

- ♦ Strong oxidizing agents
- ♦ Alkalis and hot concentrated caustic products.

Hazardous decomposition products

- ♦ On combustion or on thermal decomposition (pyrolysis) releases, highly flammable gases which generate fire or explosion hazards, flammable vapors which may generate fire or explosion hazards. Toxic gases, Carbon oxides (CO + CO²), Hazardous dusts. (Silica)