



MATERIAL SAFETY DATA SHEET

Print Date: 5/01/13

**PRODUCT NAME: Solution 70 Silicone
Dielectric Grease
COLOR: TRANSLUCENT WHITE**

REVISION DATE: May 1, 2013

1. PRODUCT AND COMPANY IDENTIFICATION

Identification of the Substance or Preparation

Manufacturer:

MRO Solutions L.L.C.

5645 W Howard St.

Niles, IL 60714

PHONE: 877-676-2480 FAX: 877-676-2481

General Description: Dielectric Silicone Grease

Physical Form: Grease

Color: Translucent White

Odor: Mild

NFPA PROFILE: Health 1 Flammability 1 Instability/Reactivity 0

Note: NFPA = National Fire Protection Association

2. HAZARDS IDENTIFICATION



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Toxicity

May cause eye and skin irritation. Note: This product does not contain microcrystalline silica.

Primary Routes of Entry

Eye and skin contact, ingestion, inhalation.

Signs and Symptoms of Overexposure

Overexposure may cause eye and shin redness.

Medical Conditions Aggravated by Exposure No known applicable exposure.

The above listed potential effects of overexposure are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product.

3. COMPOSITION/ INGREDIENTS

<u>CAS NUMBER</u>	<u>COMPONENT</u>	<u>Wt %</u>	<u>ACGIH: TLV-TWA</u>	<u>OSHA PEL</u>
63148-62-9	Polydimethylsiloxane	<70	Not Listed	Not listed
68611-44-9	Modified Silicon Dioxide	<10	Not Listed	Not Listed
52624-57-4	Oxirane, Methyl,-Polymer	0.5 – 5.0	Not Listed	Not Listed

4. FIRST AID MEASURES



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Eye: Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelid(s) open. 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.

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 occurs, obtain medical advice.

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

5. FIRE FIGHTING MEASURES

Flash Point:	>200 F TCC
Recommended Extinguishing Media:	Carbon Dioxide, Dry Chemicals, Foam.
Special Fire Fighting Procedures:	No special procedures.
Hazardous Product of Combustion:	Oxides of carbon, Oxides of silicon, Formaldehyde
Unusual Fire / Explosive Hazards:	None
Lower Explosive Limit:	Not determined
Upper Explosive Limit:	Not determined

6. ACCIDENTAL RELEASE MEASURES



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Spill Procedures: Use with adequate ventilation. Take up with inert absorbent. Store in a closed waste container until disposal. Clean up spills thoroughly as residue is slippery.

7. HANDLING AND STORAGE

Storage: Store below 100 F

Handling: Avoid prolonged skin contact. Keep away from eyes. Wash hands before eating and Smoking.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: Not required under normal use. An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits.

9. PHYSICAL / CHEMICAL CHARACTERISTICS

Physical Form: Grease

Color: Translucent White

Odor: Mild

Specific Gravity @ 25°C: 1.0

Boiling Point: Not determined.

Vapor Pressure @ 25°C: Not determined.

Vapor Density (Air=1): >1 pH: Not determined.

Note: The above information is not intended for use in preparing product specifications.

10. STABILITY AND REACTIVITY



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Chemical Stability: Stable.

Hazardous Polymerization: Hazardous polymerization will not occur.

Conditions to Avoid: Heat.

Hazardous Products of Combustion: Oxides of carbon, Oxides of silicon, Formaldehyde

11. TOXICOLOGICAL INFORMATION

See Section 3.

12. ECOLOGICAL INFORMATION

No data 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 waste? No.

State or local laws may impose additional regulatory requirements regarding disposal.

14. TRANSPORT INFORMATION



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DOT Road Shipment Information (49 CFR 172.101)

Not subject to DOT.

Proper Shipping Name:	Not regulated
Class or Division	None
UN/ID Number	None

Ocean Shipment (IMDG) Not subject to IMDG code.

Proper Shipping Name:	Not regulated
Class or Division	None
UN/ID Number	None

Air Shipment (IATA)

Not subject to IATA regulations.

Proper Shipping Name:	Not regulated
Class or Division:	None
UN/ID Number:	None

15. REGULATORY INFORMATION

California Proposition 65: No California Prop 65 chemicals are known to be present at or above the No Significant Risk level.

TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

Section 313 Toxic Chemicals (40 CFR 372): None present or none present in regulated quantities.

16. OTHER INFORMATION



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Prepared by: MRO Solutions L.L.C..

These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.