DOW CORNING CORPORATION
MATERIAL SAFETY DATA SHEET

DOW CORNING(R) 33 EXTREME LOW TEMP. BEARING GREASE, LIGHT

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Dow Corning Corporation
South Saginaw Road
Midland, Michigan  48666

24 Hour Emergency Telephone:  (517) 496-5900
Product Information: (517) 496-6000
Product Disposal Information: (517) 496-5813
Transportation Information: (517) 496-8577
CHEMTREC: (800) 424-9300

MSDS No:  01889770
Print Date: 05/12/94
Last Revised: 10/22/93

Generic Description:  Silicone grease
Physical Form:  Grease
Color:  Beige
Odor:  Slight odor
NFPA Profile:  Health NA Flammability 1 Reactivity 0

Note: NFPA = National Fire Protection Association

SECTION 2. HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt%</th>
<th>Component</th>
<th>Exposure Limits</th>
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</thead>
<tbody>
<tr>
<td>004485125</td>
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<td>Lithium stearate</td>
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<td>ACGIH TLV: TWA 10 mg/m3.</td>
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<td>033204761</td>
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<td>Phenylethamethyl-</td>
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<td></td>
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</tbody>
</table>

Comments: The above ingredients are hazardous as defined in 29 CFR 1910.1200.

SECTION 3. EFFECTS OF OVEREXPOSURE

Acute Effects

Eye:  Direct eye contact may cause temporary discomfort with mild redness and dryness similar to windburn.

Skin:  A single relatively short exposure causes no known adverse effect. Several repeated or prolonged exposures (24 to 48 hours) may irritate.

Inhalation:  No irritation to eyes and respiratory passages. No injury is likely from relatively short exposures of less than 8 hours.

Oral:  Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may injure slightly.

Repeated Exposure Effects

Skin:  None Known.

Inhalation: None Known.

Oral: Small amounts transferred to the mouth by fingers during use, etc., should not injure. Swallowing large amounts may injure slightly.

Special Hazards

This material contains the following components with the special hazards listed below.

Carcinogens

None Known

Teratogens

None Known
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Mutagens
None Known

Reproductive Toxins
None Known

Sensitizers
None Known

Comments: This compound may contain low levels of phenyl heptamethycyclotetrasiloxane and 2,6-cis-Diphenylhexamethycyclotetrasiloxane which are estrogen-like chemicals. Estrogens are hormone substances which affect the reproductive system. Please read the additional information below.

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.

SECTION 4. FIRST AID MEASURES

Eye: Immediately flush with water.

Skin: Remove from skin and wash thoroughly with soap and water or waterless cleanser. Get medical attention if irritation or other ill effects develop or persist.

Inhalation: No first aid should be needed.

Oral: Get medical attention.

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

SECTION 5. FIRE FIGHTING MEASURES

Flash Point (Method): > 214.00 DEGREE F / 101.11 DEGREE C
Autoignition Temperature: Not Determined

Flammability Limits in Air: Not Determined

Extinguishing Media: Carbon dioxide (CO2). Water. Water fog (or spray). Dry chemical. Foam.

Unsuitable Extinguishing Media: None

Fire Fighting Procedures: Self-contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.

Unusual Fire Hazards: None


SECTION 6. ACCIDENTAL RELEASE MEASURES

Containment/Clean-up: Disposal of collected product, residues, and cleanup materials may be governmentally regulated. Observe all applicable local, state, and federal waste management regulations. Clean any remaining slippery surfaces by appropriate techniques, such as: several moppings or swaubings with appropriate solvents; washing with mild, caustic detergents or solutions; or high pressure steam for large areas. For nonsilicones, use typical industrial cleaning materials. Observe any safety precautions applicable to the cleaning material being used. Scrape up and contain for salvage or disposal. Observe all personal protection equipment recommendations described in Sections 5 and 8. Local, state, and
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this material into the environment. See applicable regulatory compliance information in Section 15.

NOTE: See Section 8 for Personal Protective Equipment for Spills

SECTION 7. HANDLING AND STORAGE

Handling: No special precautions.
Storage: No special precautions. Use reasonable care.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls
Local exhaust: 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: No special protection needed.
Inhalation: No respiratory protection should be needed.
Suitable Respirator: None should be needed.

Personal Protective Equipment For Spills
Eye: 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.

Comments: Use at high temperatures may evolve or generate phenylheptamethylcyclotetrasiloxane, 2,6-cis-diphenylhexamethylcyclotetrasiloxane. Provide adequate ventilation to control within exposure guidelines (See Section 2). Personnel should wear organic vapor respirators until workplace exposure levels have been determined. Traces of benzene (carcinogen) may form if heated in air above 300 F (149 C). Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures. Review the OSHA benzene regulation for detailed information on safe handling requirements.

Note: 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

Physical form: Grease
Color: Beige
Odor: Slight odor
Specific Gravity @ 25C: 1.10
Viscosity: Not Applicable.
Freezing/Melting Point: Not Determined.
Boiling Point: Not Applicable.
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Vapor Density: Not Applicable.
Solubility in Water: None.
ph: Not Applicable.
Volatile content (Wt%): Not Applicable.

Note: The above information is not intended for use in preparing product specifications. Contact Dow Corning before writing specifications.

SECTION 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.
Comments: None

SECTION 11. TOXICOLOGICAL INFORMATION

OPTIONAL SECTION - Complete information not yet available.

SECTION 12. ECOLOGICAL INFORMATION

OPTIONAL SECTION - Complete information not yet available.

SECTION 13. DISPOSAL CONSIDERATIONS

OPTIONAL SECTION - Complete information not yet available.

Call Dow Corning Environmental Mgmt. (517)496-6315, if more information is desired.

SECTION 14. TRANSPORT INFORMATION

DOT Information (49CFR 172.101)

Proper Shipping Name: Not Available
Hazard Technical Name: Not Available
Hazard Class: Not Available
UN/NA Number: Not Available
Packing Group: Not Available

Call Dow Corning Transportation, (517)496-8577, if additional information is required.

SECTION 15. REGULATORY INFORMATION

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

TSCA Status: All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

EPA SARA Title III Chemical Listings:

Section 302 Extremely Hazardous Substances:
None

Section 304 CERCLA Hazardous Substances:
None

Section 312 Hazard Class:
Acute: Y
Chronic: Y
Fire: N
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Reactive: N

Y = Yes N = No

Section 313 Toxic Chemicals:
None present or none present in regulated quantities.

Supplemental State Compliance Information

<table>
<thead>
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<th>CAS Number</th>
<th>Wt%</th>
<th>Component</th>
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</tbody>
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SECTION 16. OTHER INFORMATION

Prepared by: Dow Corning Corporation

This information is offered in good faith as typical values and not as a product specification. No warranty, 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.

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