



MATERIAL SAFETY DATA SHEET

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MOTOR ASSEMBLY GREASE PART NOS. 49598, 49599

SECTION I – IDENTITY INFORMATION

Description : Motor Assembly Grease

SECTION II – HAZARDOUS INGREDIENTS

| <u>INGREDIENT</u> | <u>CAS #</u> | <u>OSHA</u> <u>PEL</u> | <u>ACGIH</u> <u>TLV</u> | <u>OTHER</u> <u>LIMITS</u> | <u>WGT %</u> |
|-----------------------|---------------------------|---------------------------|----------------------------|-------------------------------|--------------|
| Petroleum Distillates | 64742-54-7, 64742-65-0 | 5mg/m ³ | 5mg/m ³ | N/A | 70-100 |
| Titanium Dioxide | 13463-67-7 | 10mg/m ³ | 10mg/m ³ | N/A | 0-5 |

SECTION III – PHYSICAL DATA

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|---------------------------------------|------------------------------------|
| Boiling Point | : N/A |
| Specific Gravity (H ₂ O=1) | : .89 @ 60 ⁰ F |
| Vapor Pressure, (mm Hg.) | : <0.01 mm Hg @ 20 ⁰ F |
| Vapor Density (AIR=1) | : >5 |
| Solubility in Water | : Negligible; < 0.1% |
| Evaporation Rate (Butyl Acetate=1) | : <0.01 |
| Melting Point | : Not Determined |
| Appearance and Odor | : White/Mild, Bland Petroleum Odor |

SECTION IV – FIRE AND EXPLOSION HAZARD DATA

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| Flash Point (Method Used) | : 475 ⁰ F (C.O.C), Lowest Oil |
| Lower Explosion Limit (% By Vol) | : 0.9 |
| Upper Explosion Limit (% By Vol) | : 7.0 |
| Means of Extinction | : Use Water Spray, Dry Chemical, Foam or Carbon Dioxide. Water or Foam May Cause Frothing. Use Water to Keep Fire-Exposed Containers Cool. Water Spray may be Used to Flush Spills Away From Exposures. Minimize Breathing Gasses, Vapor, Fumes or decomposition Products. Use Supplied-Air Breathing Equipment for Enclosed or Confined Spaces, or as Otherwise Needed. |

For Fire : Self-Contained Breathing Equipment and
Chemical Resistant Clothing Recommended.
Explosion Data : Pressure Will Increase in Over Heated,
Closed Containers.

SECTION V – REACTIVITY DATA

Stability : This Product is Stable and Will Not React
Violently with Water.
Conditions of Reactivity : Not Determined
Incompatibility (Materials to Avoid) : Strong Oxidants Such as Liquid Chlorine,
Concentrated Oxygen, Sodium Hypochlorite or
Calcium Hypochlorite.
Hazardous Decomposition or Byproducts : Oxides of Carbon.
Hazardous Polymerization : Will Not Occur.
Polymerization Avoid : Not Applicable

SECTION VI – HEALTH HAZARD DATA

ROUTE(S) OF ENTRY:

Inhalation : Not Likely Under Normal Usages
Skin Contact : Yes
Skin Absorption : No
Ingestion : Not Likely Under Normal Usages
Eye : Yes
Acute Over Exposure Effects : None recognized.
Chronic Over Exposure Effects : Prolonged or Repeated Skin Contact may
Cause Skin Irritation.

CARCINOGENICITY

NTP : Non Carcinogenic.
IARC Monographs : Not Listed
OSHA Regulated : Not Listed
Symptoms of Exposure : Irritated Eyes and Skin.
Sensitization to Material : Not Determined.

SPECIFIC FIRST AID PROCEDURES:

Eye Contact : If Splashed Into the Eyes, Flush with Clear
Water for 15 Minutes or Until Irritation
Subsides. If the Irritation Persists, Call a
Physician.
Skin Contact : In Case of Contact, Remove any
Contaminated Clothing and Wash the Skin
Thoroughly with Soap and Water.
Inhalation : The Vapor Pressure is Very Low. Vapor
Inhalation Under Ambient Conditions is
Normally not a Problem. If Overcome by Vapor
from Hot Product, Immediately Remove from
Exposure and Call a Physician. If Breathing is
Irregular or Has Stopped, Start Resuscitation;

Ingestion

by Oil Mist, Remove From Further Exposure
Until Excessive Oil Mist Condition Subsides.
: If Ingested, DO NOT Induce Vomiting; Call a
Physician Immediately.

SECTION VII – PRECAUTIONS FOR SAFE HANDLING AND USE

| | |
|---------------------------|---|
| Leak and Spill Procedures | : Recover Free Product. Add Sand, Earth or Other Suitable Absorbent to Spill Area. Minimize Skin Contact. Keep Product out of Sewers and Watercourses by Diking or Impounding. Advise Authorities if product has Entered or may Enter Sewers, Watercourses or Extensive Land Areas. Assure Conformity with Applicable Governmental Regulations. |
| Waste Disposal Method | : Spilled Material, Unused Contents and Empty Containers Must be Disposed of in Accordance with Local, State and Federal Regulations. |
| Procedures and Equipment | : Do Not Store or Mix with Strong Oxidizers. Keep Out of Eyes. |
| Storage Requirements | : Do Not Store Sealed Container Near Extreme Heat. Do Not Reuse Container. |
| Precautionary Measures | : Always Wash Hands Well Before Touching Face or Eating. |

SECTION VIII – CONTROL MEASURES

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| Respiratory Protection | : Not Normally Required. |
| Local Exhaust | : Not Required. |
| Mechanical Exhaust | : Not Required. |
| Special Ventilation | : Not Required. |
| Other Ventilation | : Not Required. |
| Protective Gloves | : Use Chemical-Resistant Gloves, If Needed, to Avoid Prolonged or Repeated Skin Contact. |
| Eye Protection | : Use Splash Goggles or Face Shield When Eye Contact May Occur. |
| Other Protective Equipment | : Use Chemical-Resistant Apron or Other Impervious Clothing, If Needed, to Avoid Contaminating Regular Clothing Which Could Result in Prolonged or Repeated Skin Contact. |

SECTION IX – HAZARD COMMUNICATION CODES

NFPA RATING:

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|--------------|-----|
| Health | : 0 |
| Flammability | : 1 |
| Reactivity | : 0 |
| Special | : - |

HMIS RATING:

Health : 0
Flammability : 0
Reactivity : 0
Personal Protection : B

WHMIS : Not Regulated by WHMIS

SECTION 313:

Toxic Chemicals : None

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