

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

DIELECTRIC GREASE

Synonyms:

28021 – JEGS DIELECTRIC GREASE

Company Identification

JEGS Automotive Inc. 101 Jegs Place Delaware, OH 43015

PHONE: 1-800-345-4545 WEBSITE: www.jegs.com

CAS Registry Number Not Applicable

Synonyms 49633CL86

Generic/Chemical Name None

Product Type Dielectric Grease

Preparation Date 02/08/13

Transportation Emergency Response

www.jegs.com/msds

Product Information

Product Information and MSDS Requests: 1-800-345-4545

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Dimethylpolysiloxane	63148-62-9	70%-90%			
Amorphous silica	7631-86-9	7%-13%	10 mg/m3	6 mg/m3	Not Est.
Polydimethylsiloxanediol	70131-67-8	5%-10%			

3. HAZARD IDENTIFICATION

Eye Contact

Direct contact may cause temporary redness and discomfort.

Skin Contact

No significant effects expected from a single short-term exposure.

Inhalation

No significant effects expected from a single short-term exposure.

Ingestion

Low ingestion hazard in normal use.

Symptoms of Overexposure

No known applicable information.

Existing Conditions Aggravated by Exposure

No known applicable information.

Note

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. Please refer to Section 11 for the detailed toxicology information.

4. FIRST AID MEASURES

Eye Contact

If irritation occurs, flush eye(s) with lukewarm, gently flowing water for 5 minutes. Obtain medical attention.

Skin Contact

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.

Ingestion

If irritation or discomfort occur, obtain medical advice.

Comments

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

5. FIRE FIGHTING MEASURES

Flash Point >214F >101.1C

FP Method Closed Cup

Auto-ignition Temperature

Not determined

Flammability Limits in Air

Not determined

Extinguishing Media

On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

Special Fire Fighting Procedures

Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Unusual Fire or Explosion Hazards

None known

6. ACCIDENTAL RELEASE INFORMATION**Steps to be taken in case of spill or release**

Observe all personal protection equipment recommendations in Sections 5 and 8. Wipe or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

7. HANDLING AND STORAGE**Handling**

Use with adequate ventilation. Avoid eye contact.

Storage

Use reasonable care and store away from oxidizing materials. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

8. EXPOSURE CONTROL/PERSONAL PROTECTIVE EQUIPMENT**Component Exposure Limits**

There are no components with workplace exposure limits.

Engineering Controls

Local Ventilation: None should be needed

General Ventilation: Recommended

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

Washing at mealtime and end of shift is adequate.

Suitable gloves: Handle in accordance with good industrial hygiene and safety practices.

Respiratory Protection

No respiratory protection should be needed.

Suitable Respirator:

None should be needed.

Precautionary Measures

Avoid eye contact. Use reasonable care.

Note

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Paste
Specific Gravity	1.1
Color/Appearance	Translucent White
Odor	Odorless
pH	Not applicable

Note

The above information is not intended for use in preparing product specifications. Contact JEGS Automotive Inc. before writing specifications.

10. STABILITY AND REACTIVITY

Chemical Stability

Stable

Conditions to Avoid

None known

Hazardous Polymerization

Will not occur

Materials to Avoid / Incompatibility

Oxidizing material can cause a reaction.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Carbon oxides and traces of incompletely burned carbon compounds

Formaldehyde

Silicon dioxide

11. TOXICOLOGICAL INFORMATION

Special Hazard Information on Components

No known applicable information.

12. ECOLOGICAL INFORMATION

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants

Complete information is not yet available.

13. DISPOSAL INFORMATION

Waste Disposal Method

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

14. TRANSPORTATION INFORMATION

Road Shipment Information (DOT)

Not subject to DOT regulations.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

15. REGULATORY INFORMATION

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA Status

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

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Substances dangereuses

None

SARA Title III Section 311/312 Hazard Class

Acute: No

Chronic: No

Fire: No

Pressure: No

Reactive: No

SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

Note

Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

California Proposition 65

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

None known

Massachusetts

Silica, amorphous (7631-86-9)

New Jersey

Polydimethylsiloxane (63148-62-9)

Silica, amorphous (7631-86-9)

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

Pennsylvania

Polydimethylsiloxane (63148-62-9)

Silica, amorphous (7631-86-9)

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

16. DISCLAIMER

The data contained herein is based upon information that JEGS Automotive Inc. believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.