Material Safety Data Sheet

FIR No.: 178365 **Level:** 1
Version Number: US-US-5 **Release Date:** 2013-02-21

1. Product and Company Identification

Product Name: Door Latch Grease and Silicone Brake Caliper Grease and Dielectric Compound

Product Code: See Attachment

Application: Door latch grease and brake caliper grease and dielectric compound

Supplier: Ford Motor Company
Attention: MSDS Information, P.O. Box 1899
Dearborn, Michigan 48121
1-800-392-3673

Emergency Telephone: Poison Control Center: 1-800-959-3673
CHEMTREC: U.S. and Canada: 1-800-424-9300
CHEMTREC: International: 1-703-527-3887

2. Composition/Information on Ingredients

This chemical product is a preparation.

Chemical Name	CAS Number	Percent Concentration	Hazard Classification
SILICA, AMORPHOUS	7631-86-9	5-10	ACGIH/OSHA WHMIS 1 PEL/TLV-US HAZCOM

3. Hazards Identification

Health: This product may cause irritation to the eyes.
Exposure to oil mist/fume/vapor may cause respiratory tract irritation.

4. First-Aid Measures

Eye Contact: In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical attention.
If irritation persists, get medical attention.

Ingestion: First aid is not normally required; however, if swallowed and symptoms develop, seek medical attention.

5. Fire-Fighting Measures

Extinguishing Media: Dry chemical, foam, carbon dioxide, water fog.

Specific Methods: Use water to cool fire-exposed containers, structures, and to protect personnel.

Specific Hazards: Silicon dioxide, carbon dioxide and traces of incompletely burned carbon compounds, formaldehyde.

Protection of Firefighters: Fire fighters should be equipped with NIOSH-approved, self-contained breathing apparatus (SCBA) and full protective clothing.

6. Accidental Release Measures

Personal Precautions: Surfaces may become slippery after spillage.
Wear appropriate protective equipment and clothing during clean-up.

Environmental Precautions: Not relevant considering the small amounts used.

Methods for Cleaning Up: Scrape up the spilled material and transfer to a suitable container for disposal.

7. Handling and Storage

Handling:

Technical Measures: No special precautions necessary.

Precautions and Advice for Safe Handling: Avoid eye contact.
Use with adequate ventilation.

Storage:

Technical Measures: No special precautions.

Storage Conditions: Store this product away from strong oxidizing agents.

8. Exposure Controls/Personal Protection

Engineering Measures: Use general ventilation.

Exposure Limits:

Chemical Name	TWA	References	Notes
SILICA, AMORPHOUS			
	Note	OSHA	20 mppcf TWA, ((80)/(% SiO2) mg/m3 TWA)

Personal Protective Equipment:

Respiratory Protection: None required under normal conditions.

Hand Protection: The use of natural rubber gloves is recommended.

Eye Protection: Wear safety glasses with side shields.

Skin and Body Protection: None required under normal conditions.

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Hygiene Measures: Use good personal hygiene.

9. Physical and Chemical Properties

Specific Gravity:	1.1 @25°C
Physical State:	GREASE
Odor:	ODORLESS
Color:	TRANSLUCENT WHITE
pH:	N.AP
Temperature Range During which Changes in Physical State Occur:	
Flash Point:	101.1 °C CLOSED CUP
Explosion Properties:	
UEL:	ND
LEL:	ND
Solubility:	ND
Viscosity:	ND
Evaporation Rate:	N.AV

10. Stability and Reactivity

Stability: This is a stable material.
Hazardous polymerization will not occur.

Conditions and Materials to Avoid: This product can react with oxidizing materials.

Hazardous Decomposition Products: Decomposes on heating to produce carbon monoxide and formaldehyde.
Decomposition of this product may yield oxides of SILICA.

11. Toxicological Information

7631-86-9 SILICA, AMORPHOUS
Oral, adult rat, LD50 = 3160 mg/kg

Inhalation: No further toxicological data known

Eye Contact: No further toxicological data known

Ingestion: No further toxicological data known

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12. Ecological Information

No specific aquatic data available for this product.

13. Disposal Considerations

Waste from Residues:	Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulation.
Contaminated Packaging:	No consideration given when disposed of according to local, state, and Federal regulations.

14. Transport Information

U.S. Department of Transportation (DOT) 49 - CFR 172.101
This product is not regulated as a dangerous good.

Canadian Transportation of Dangerous Goods (T.D.G.) - TDGR Schedule II
This product is not regulated as a dangerous good.

Secretary of Communication and Transportation (SCT) - NOM-002-SCT2/1994 (Mexico)
This product is not regulated as a dangerous good.

International and Domestic Air Transportation - ICAO & IATA Section 4.2
This product is not regulated as a dangerous good.

International Water Transportation - IMDG Code Amendment 31-02
This product is not regulated as a dangerous good.

15. Regulatory Information

The components of this product are listed on the TSCA Inventory
Material contains a chemical which is a Ford Motor Company Material of Concern. Use and release of this material should be minimized to the greatest extent possible.

16. Other Information

Key/Legend: N.AP = Not applicable; N.AV = Not available; ND = Not determined or No data; TLV = Threshold limit value; TWA = Time-weighted average; STEL = Short-term exposure limit; C = Ceiling limit

HMIS and NFPA Hazard Class Information:

HMIS Hazard Class: Health: 0 (Least) Flammability: 1 (Slight) Physical Hazard: 0 (Least)

NFPA Hazard Class: Health: 0 (Least) Flammability: 1 (Slight) Instability: 0 (Least)

The following sections contain revisions OR NEW statements.
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Preparation Information:
The chemical identification and properties for this material were provided by the manufacturer. Health and safety information has been evaluated by the Occupational and Environmental Health Sciences Department, Ford Motor Company, Diagnostic Service Center II, 1800 Fairlane Drive, Allen Park, MI 48101, USA.

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Disclaimer:

The information on this data sheet represents our current data and is accurate to the best of our knowledge as to the proper handling of this product under normal conditions and in accordance with the application specified on the packaging and/or technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

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Attachment

Product Code	Container Size	Part of Kit	Kit Product Code
XG-3-A	3 oz. (85 g)		
6U2J-19A208-AA	0.39 oz. (11 g)	Shield Door Latch Kit	5F9Z-218B48-A
		Door Latch Kit	5F9Z-218B48-B