Material Safety Data Sheet

ITW Consumer - Devcon/Versachem

DRY POWDER GRAPHITE LUBE

This product appears in the following stock number(s):
00250

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Tradename: DRY POWDER GRAPHITE LUBE
General use: Lubricant
Chemical family: Silica-graphite mixture

MANUFACTURER
ITW Consumer - Devcon/Versachem
2107 West Blue Heron Blvd.
Riviera Beach, Florida 33404

EMERGENCY INFORMATION
Emergency telephone number
(CHEMTEL): (800) 255-3924
(CHEMTEL International): (+01) 813-248-0585
Other Calls: (561) 845-2425

2. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Abbr.	Weight%	ACGIH; TLV-TWA	OSHA PEL:	Other Limits
GRAPHITE 7782-42-5	n/e	>80	2 mg/m^3 (respir) ACGIH	15 mppcf TWA	2.5 mg/m^3 (Canada)
CRYSTALLINE SILICA 14808-60-7	n/e	<5		10(%Q+2) mppcf (respirable)	0.1 mg/m^3 (Canada)
TRADE SECRET (Non-hazardous) MIXTURE	n/e	Balance		n/e	n/e

"TLV" means the Threshold Limit Value exposure (eight-hour, time-weighted average, unless otherwise noted) established by the American Conference of Governmental Industrial Hygienists. "STEL" indicates a short-term exposure limit. "PEL" indicates the OSHA Permissible Exposure Limit. "n/e" indicates that no exposure limit has been established. An asterisk (*) indicates a substance whose identify is a trade secret of our supplier and unknown to us.

3. HAZARDOUS IDENTIFICATION

Emergency Overview

Appearance, form, odor: Grey powder paste

CAUTION!. Respiratory irritant. May cause silicosis.

Potential health effects

Primary Routes of Exposure: Inhalation (breathing)

Symptoms of acute overexposure
Skin: Abrasive, but not otherwise hazardous on skin contact.
Eyes: May cause mechanical irritation
Inhalation: Irritant. (Inhalation is unlikely since the aggregrate is slightly wetted with a coupling agent which inhibits dusting).
Ingestion: May cause gastric distress (nausea, vomiting, diarrhea).
Effects of Chronic Exposure: IARC lists respirable silica quartz as a suspect human carcinogen based on animal testing.

Component	Weight%	NTP	ACGIH Carcinogens	IARC
CRYSTALLINE SILICA 14808-60-7	<5		A2 - Suspected Human Carcinogen	Group 1 Monograph 68, 1997 (inhalation of quartz)

Medical Conditions Recognized as Being Aggravated by Exposure:
Persons with respiratory problems such as emphysema and asthma should avoid inhalation.

4. FIRST AID MEASURES

Eye Contact: Avoid rubbing particles into eyes. Flush eyes with copious amounts of water. Contact a physician if irritation persists.

Skin Contact: None under normal use. If particles are driven into skin, wash thoroughly and bandage if needed.

Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult

Ingestion: If swallowed, DO NOT induce vomiting. Keep individual calm. Obtain medical attention

5. FIRE FIGHTING MEASURES

Recommended Extinguishing Media: Water

Flash point: None **Method:** N/A

Lower Explosive Limit: n/a **Upper Explosive Limit:** n/a

Special Fire-Fighting Procedures: Does not support combustion with oxygen.

Unusual Fire/Explosion Hazards:
None.

Hazardous Products of Combustion:
Oxides of carbon

6. ACCIDENTAL RELEASE MEASURES

Spill Control: Avoid inhalation of dusts if any are raised. Ventilate area.

Containment: N/A

Cleanup: Shovel or sweep up for re-use or disposal.

Special procedures: None.

7. HANDLING AND STORAGE

Handling precautions: Avoid creating and inhaling dusts of this product.

Storage: Keep containers closed when not in use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls:

Ventilation:
Mechanical ventilation.

Other engineering controls: N/A.

Personal protective equipment

Eye and face protection: Safety glasses with side shields

Skin protection: Long-sleeved clothing.

Respiratory protection: Should dust be raised in handling (unlikely), wear NIOSH-approved respirator.

9. PHYSICAL AND CHEMICAL PROPERTIES

Specific Gravity: 2.2-2.3

Boiling Point: n/a

Melting point: n/d

Vapor Pressure: Nil

Evaporation Rate: Nil

VOC: 0

Solubility in water: Nil

pH (5% solution or slurry in water): Neutral

10. STABILITY AND REACTIVITY

This material is chemically stable. Hazardous polymerization will not occur.

Conditions to Avoid: None.

Incompatabilities: Strong oxidizers

Hazardous Products of Combustion: Oxides of carbon

Conditions under which hazardous polymerization may occur: None known.

11. TOXICOLOGICAL INFORMATION

Eye Contact: No data available.

Subchronic effects: No data available.

Carcinogenicity, tertogenicity and mutagenicity: No data available.

Other chronic effects: Respirable crystalline quartz may caus chronic lung injury (silicosis). Acute or rapid silicosis may occur in a short period of time in heavy exposure in certain occupations such as sandblasters. Silicosis is a form of disaabling pulmonary fibrosis which can be progressive and lead to death. Pulmonary function may be reduced by inhalation of respirable crystalline silica. It may produce lung scarring which may lead to a progressive massive fibrosis, increasing susceptibility to pulmonary tuberculosis. Progressive massive fibrosis may be accompanied by right heart enlargement, heart failure and pulmonary faillure. Smoking aggravates the effects of exposure.

Toxicological information on hazardous chemical constituents of this product:

Component	Oral LD50 (rat)	Dermal LD50 (rabbit)	Inhalation LC50 4hr (rat)
GRAPHITE 7782-42-5	n/d	n/d	n/d
CRYSTALLINE SILICA 14808-60-7	n/d	n/d	n/d
TRADE SECRET (Non-hazardous) MIXTURE	n/d	n/d	n/d

'n/d' = not determined

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12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available.

Mobility and persistence: No data available.

Environmental fate: No data available.

13. DISPOSAL CONSIDERATIONS

Please see also Section 15, Regulatory Information.

Recommended Method of Disposal: If this product becomes a waste, it would be a hazardous waste by RCRA criteria (40CFR 261). Dispose of according to applicable federal, state and local regulations.

US EPA Waste Number: NH - Not a RCRA Hazardous Waste Material.

14. TRANSPORT INFORMATION

Proper shipping name: Not regulated

Technical name: N/A

Hazard class: N/A

UN/ID Number: None

Packing group: N/A

Emergency Response Guide no: N/A

15. REGULATORY INFORMATION

U.S. Federal Regulations

TSCA:
All ingredients of this product are listed or are exempt from listing on the TSCA Inventory.

The following RCRA code(s) applies to this material if it becomes waste:
None

Regulatory status of hazardous chemical constituents of this product:

Component	Extremely Hazardous*	Toxic Chemical**	CERCLA RQ (lbs)	12B EXPORT NOTIFICATION:
GRAPHITE 7782-42-5	No	No	0.0	Not required
CRYSTALLINE SILICA 14808-60-7	No	No	0.0	Not required
TRADE SECRET (Non-hazardous) MIXTURE	No	No	0.0	Not required

*Consult the appropriate regulations for emergency planning and release reporting requirements for substances on the SARA Section 301 Extremely Hazardous Substance List.
**Substances for which the "Toxic Chemical" column is marked "Yes" are on the SARA Section 313 list of Toxic Chemicals, for which release reporting may be required. For specific requirements, consult the appropriate regulations.

For purposes of SARA Section 312 hazardous materials inventory reporting, the following hazard classes apply to this material: Immediate health hazard, Delayed health hazard

California regulations: For purposes of the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65), this product does not contain any listed chemical at or above the No Significant Risk Limit.

Canadian Regulations
WHMIS Hazard Class: D2A VERY TOXIC MATERIALS, D2B TOXIC MATERIALS

16. OTHER INFORMATION

Hazardous Material Information System (HMIS) rating:
Health 1* Flammability 0 Physical Hazard 0

HMIS is a registered trademark of the National Paint and Coatings Assn.

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