

# TECH LINE Coatings

## SAFETY DATA SHEET

### Section 1 – Identification

**Product Identifier:** PowerKote DFL-1

**Part Number:** DFL-1

**Recommended Use:** Dry Film Lubricant Coating

**Restrictions on Use:**

**Manufacturer / Supplier:**

Tech Line Coatings, Inc  
26844 ADAMS AVE.  
MURRIETA, CA 92562  
USA  
Phone 951-304-0834  
Fax 951-461-9658  
www.techlinecoatings.com

**Keep out of reach of children.**  
**Avoid contact with skin and eyes.**  
**Avoid breathing vapors or mist.**

**Emergency Phone:** (Chemtrec) 1-800-424-9300

### Section 2 – Hazards Identification

**Classification:**

**Signal Word:** Warning

**Symbols:** **Precautionary Statements:**



May cause an allergic skin reaction  
May cause respiratory irritation

Spills are slippery. Reacts with acids, ammonium salts, reactive metals and some organics.

### Section 3 – Composition / Information On Ingredients

Component	CAS#	% of Weight
Trade Secret	Trade Secret	Trade Secret
Molybdenum Disulfide	1317-33-5	< 10%

### Section 4 – First Aid Measures

**After EYE Contact:**

- Immediately irrigate with plenty of water for 15 minutes. Obtain medical attention if irritation persists.

**After SKIN Contact:**

- Remove contaminated clothing without delay. Flush skin thoroughly with water. Do not reuse clothing without laundering.

**After INHALATION:**

- Administer oxygen if there is difficulty in breathing. Obtain medical attention immediately if necessary.

**After SWALLOWING:**

- Call a physician immediately, ONLY induce vomiting at the instructions of a physician. Never give anything by mouth to an unconscious person.

### Section 5 – Fire Fighting Measures

<b>Flash Point:</b> Not Flammable	<b>Flammable Limits LEL-:</b> N/A	<b>Flammable Limits UEL-:</b> N/A	<b>Stability:</b> See Section 10
<b>Extinguishing Media:</b> This material is compatible with all extinguishing media.		<b>Special fire fighting procedures:</b> use full protective equipment, including self contained breathing apparatus.	
<b>Unusual Fire And Explosion Hazards:</b> None		<b>Specific Hazards Arising from the Chemical:</b>	

## **Section 6 – Accidental Release Measures**

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### **Methods for Containment and Clean Up**

- Soak up with inert absorbent material.
- Keep in suitable, marked and closed containers for disposal.
- Warn other workers of spill.
- Wear protective equipment
  - NIOSH Approved Respirator
  - Gloves
  - Safety Glasses
- Do not allow material to be released into the environment.

Additional Information:

- See Section 7 for safe handling information.
- See Section 8 for PPE information
- See Section 13 for disposal information

## **Section 7**

### **Handling And Storage**

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#### **Handling:**

Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills.

#### **Storage:**

Keep containers closed. Store in clean steel or plastic containers. Separate from acids, reactive metals, and ammonium salts. Storage temperature 10-50° C. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers.

## **SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION**

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#### **Engineering Controls:**

Showers  
Eyewash stations

#### **Respiratory Protection:**

Use a NIOSH-approved dust and mist respirator where spray mist occurs. Observe OSHA regulations for respirator use (29 C.F.R.§1910.134)

#### **Protective Gloves:**

CHEMICAL RESISTANT

#### **Eye Protection:**

SAFETY GLASSES WITH SIDE SHIELDS OR GOGGLES

#### **Other Protective Equipment:**

WEAR PROTECTIVE CLOTHING, CHEMICAL RESISTANT OR OTHER PROTECTIVE OUTERWEAR, AVOID CONTACT WITH SKIN OR EYES

#### **Ventilation:**

Recommended

#### **Work / Hygienic Practices:**

wash thoroughly after handling product and before eating, drinking or smoking

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

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Form :	Liquid
Color :	Black
Odor :	Odorless
Melting point/range :	N/E
Initial boiling point :	N/E
Flash point :	Not Flammable
pH :	Not Established
Vapor Density (Air = 1):	> 1
Vapor pressure :	N/E
Specific Gravity:	1.4
Water solubility :	Appreciable
Viscosity:	N/E
Total VOC:	0

## **SECTION 10**

### **STABILITY AND REACTIVITY**

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#### **Stability:**

STABLE

#### **Incompatibility (Materials to Avoid):**

Gels and generates heat when mixed with acid. May react with ammonium salts resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead, and zinc.

**Hazardous Decomposition Products:** Hydrogen, and other toxic and/or hazardous gases.

**Hazardous Polymerization:** WILL NOT OCCUR

**Conditions to Avoid:**

**SECTION 11**

**TOXICOLOGICAL INFORMATION**

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**Effects on Eyes:** mild irritation to the eyes  
**Effects on Skin:** slightly irritating to the skin  
**Effects from Inhalation:** May cause respiratory irritation  
**Effects from Swallowing:** digestive tract irritation

**SECTION 12**

**ECOLOGICAL INFORMATION**

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**General Comments:** Do not allow material to be released into the environment without proper governmental permits

**SECTION 13**

**DISPOSAL CONSIDERATIONS**

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**Waste Disposal Method:**

Disposal should be made in accordance with federal, state and local regulations. Recovered non-usable material is a RCRA hazardous waste. Treatment, storage, transportation and disposal must be in accordance with EPA and State regulation under the authority of the Resource Conservation and Recovery Act (RCRA) 40 CFR parts 260-271. A competent and properly permitted contractor should do appropriate disposal.

**SECTION 14**

**TRANSPORTATION INFORMATION**

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**Hazardous for Shipping:** No

**DOT Shipping Name:**  
**DOT Hazard Class:**  
**DOT Labels:**  
**UN Number:**  
**Placards:**  
**Packing Group:**

**Air (IATA):**

**SECTION 15**

**REGULATIONS**

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**Information about Limitation or Use:**

**Other Regulations, Limitations, and Prohibitive Regulations:**

**TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:** All ingredients are on the TSCA Chemical Substance Inventory.

**SECTION 16**

**OTHER INFORMATION**

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