

# TECH LINE Coatings

## SAFETY DATA SHEET

### Section 1 – Identification

**Product Identifier:** C D – 2 Powder Mix

**Part Number:** C D – 2

**Recommended Use:** Powdered additive for friction reduction of grease

**Restrictions on Use:**

**Manufacturer / Supplier:**

Tech Line Coatings, Inc  
26844 ADAMS AVE.  
MURRIETA, CA 92562  
USA  
Phone /Fax 1-865-773-0599  
www.techlinecoatings.com

Keep out of reach of children.  
Not recommended for use on Medical equipment.  
Not recommended for use on Aviation equipment.

**Emergency Phone:N.America +1-800-535-5053  
Intl. +1-352-323-3500**

### Section 2 – Hazards Identification

**Signal Word:** Warning

**Symbols:**



<b>Hazard Statements:</b> Causes Serious Eye Irritation Harmful if inhaled May cause respiratory irritation.	<b>GHS Classification:</b> Eye Irritation Acute Toxicity Inhalation Specific Target Organ Toxicity Single Exposure	<b>Category</b> 2A 4 3
<b>Precautionary Statements:</b> Wear eye protection. Wash hands, face and skin thoroughly after handling. Avoid breathing Dust. Use only outdoors or in a well-ventilated area. Store locked up. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center / doctor if you feel unwell. If in eyes: Rinse cautiously in water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advise / attention. Dispose of contents / containers in accordance with local regulations. (See Section 13)		

### Section 3 – Composition / Information On Ingredients

Component Name	Common Name / Synonyms	CAS#	% of Weight
Trade Secret		Trade Secret	> 60%
Molybdenum Disulfide	MoS <sub>2</sub>	1317-33-5	> 20%

Other ingredients are not hazardous based on OSHA standard Section 29 CFR 1910.1200

### Section 4 – First Aid Measures

#### General Advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water. Consult a physician if irritation persists.

**In case of eye contact**

Rinse cautiously in water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists get medical advise / attention.

**If swallowed**

Rinse mouth with water. Consult a physician.

**Section 5 – Fire Fighting Measures**

<b>Extinguishing Media:</b> Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.	<b>Special Fire Fighting Procedures:</b> Wear self contained breathing apparatus for fire fighting if necessary.
<b>Unusual Fire And Explosion Hazards:</b> Hazardous decomposition products formed under extreme fire conditions. - Carbon and other oxides, Hydrogen fluoride	<b>Additional Information:</b> Use water spray to cool unopened containers.

**Section 6 – Accidental Release Measures****Methods for Containment and Clean Up**

- Keep in suitable, marked and closed containers for disposal.
- Warn other workers of spill. Floor will be slippery.
- Wear protective equipment
  - 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****Handling:**

Avoid contact with skin and eyes. Use with adequate ventilation to maintain exposure levels below established exposure limits. Wear personal protective equipment. Keep away from open flames, hot surfaces and sources of ignition.

**Storage:**

Store in area suitable for combustible liquids. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat and sources of ignition. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

**Section 8 – Exposure Controls And Personal Protection**

Component	ACGIH TLV	OSHA PEL	
Trade Secret	2.5 mg / m3	2.5 mg / m3	
Molybdenum Disulfide	10 mg/m3	10 mg/m3	

**Engineering Controls:**

Showers  
Eyewash stations

**Respiratory Protection:**

Use in a well-ventilated area. Use NIOSH Approved Respirator when risk assessment shows air – purifying respirators are appropriate. Use multipurpose combination respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator.

**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:**

Local Exhaust: Use To Maintain Below TWA Limits

**Mechanical:** Use Non-Sparking Equipment  
**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 :	Powder
Color :	Gray / White
Odor :	Not established
Odor Threshold:	Not Established
pH :	Not Established
Melting point/range :	Not Established
Initial boiling point :	Not Established
Flash point :	Not Applicable
Evaporation Rate:	Not Applicable
Upper/lower flammability or explosive limits:	Not Established
Vapor pressure	Not Established
Vapor density	Not Applicable
Relative density	Not Established
Solubility(ies)	Water: Nil
Partition coefficient: n-octanol/water	Not Established
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not Established
Viscosity	Not Applicable
Total VOC	0 g/l

**Section 10 – Stability And Reactivity**

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**Stability:** STABLE

**Materials to avoid:** Hydrogen Peroxide, Strong oxidizing agents

**Hazardous Polymerization:** Will not occur.

**Conditions to avoid:** Not established

**Hazardous Decomposition Products:** Thermal breakdown of this product during fire or very high heat conditions may evolve the following decomposition products: Carbon and other oxides, Hydrogen fluoride

**Section 11 – Toxicological Information**

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**Acute Toxicity**

Trade Secret	Oral LD50	LD50 Oral - rat - 4,250 mg/kg
		Remarks: Behavioral:Somnolence (general depressed activity). Behavioral:Ataxia. Respiratory disorder
		LD50 Oral - rat - 4,417 mg/kg
		LDLO Oral - guinea pig - > 5,000 mg/kg
	Inhalation LC50	no data available
	Dermal LD50	no data available

Molybdenum Disulfide	Oral LD50	no data available
	Inhalation LC50	LC50 Inhalation - rat - 4 h - > 2,820 mg/m3 Remarks: Lungs, Thorax, or Respiration:Other changes.
	Dermal LD50	no data available

**Skin Corrosion/Irritation**

No data available

**Serious Eye Damage/Eye Irritation**

No data available

**Respiratory Or Skin Sensitization**

No data available

**Germ Cell Mutagenicity**

No data available

**Carcinogenicity**

- IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (Trade Secret)
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

This product contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

**Reproductive Toxicity**

No data available

**Specific Target Organ Toxicity Single Exposure**

No data available

**Specific Target Organ Toxicity Repeated Or Prolonged Exposure**

No data available

**Aspiration Hazard**

No data available

**Potential Health Effects**

Inhalation	May be harmful if inhaled. Causes respiratory tract irritation.
Ingestion	May be harmful if swallowed.
Skin	May be harmful if absorbed through skin. May cause skin irritation.
Eyes	Causes serious eye 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

**Environmental Toxicity:**

No data available

**Section 13 – Disposal Considerations**

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**Waste Disposal Method:**

Product :

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated Packaging**

Dispose of as unused product.

**Section 14 – Transportation Information**

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**Hazardous for Shipping:** No**Section 15 – Regulations**

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

Component	SARA 302	SARA 311 / 312	SARA 313	Massachusetts RTK	Pennsylvania RTK	New Jersey RTK	California Prop 65 list
Trade Secret	No	Yes	No	No	Yes	Yes	No
Molybdenum Disulfide	No	No	No	Yes	Yes	Yes	No

**SARA 311 / 312 Hazards:** Acute Health Hazard**Section 16 – Other Information**

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