



222-3116

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product: *Cat Dry Film Lubricant Aerosol* **Code No.:** ZZ1022
Manufacturer: *Valspar Corporation* **Telephone:** (231)924-3950
Address: *411 North Darling, Fremont MI 49412* **RM Code:**
EMERGENCY TELEPHONE: 1-303-893-1322, 1-800-458-5924 (TOLL FREE US & CANADA)

SECTION 2 - PRODUCT COMPONENTS

	<u>Component Name</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>Wt. %</u>	<u>CAS Number</u>
1)	*Acetone	750 ppm	750 ppm	70-75	67-64-1
2)	Petroleum products, liquefied gas, sweetened	1,000 ppm	800 ppm	20-25	68476-86-8
3)	Molybdenum disulfide	10 mg/m ³	15 mg/m ³	1-5	1317-33-5
4)	Propylene glycol Methyl Ether Acetate	---	---	1-5	108-65-6

*SARA III - Section 313 Toxic Chemical

SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS¹

Boiling Point: *133°F IBP* **Specific Gravity:** *0.797 typical*
Vapor Pressure: *181.7 mmHg 20°C* **Water Soluble:** *No*
Vapor Density (Air = 1): *>1* **Water Reactive:** *No*
Volume % Volatile: *100* **pH:** *NA*
Appearance and Odor: *Clear liquid, slightly sweet and aromatic odor.*

SECTION 4 - FIRE AND EXPLOSION INFORMATION

Flash Point (Method): *0°F (TCC)* **Auto-ignition Temp.:** *869°F*
Flammable Limits, LEL: *2.6* **UEL:** *ND*
Flame Extension: *>24"* **Flashback:** *To the valve*
Extinguishing Media: *Foam, dry chemical, carbon dioxide.*
Special Firefighting Procedures: *Use SCBA. Water is not suitable as an extinguishing media, but may be useful for cooling nearby containers.*
Unusual Fire and Explosion Hazards: *Aerosol containers may burst when exposed to temperatures in excess of 120°F.*

SECTION 5 - REACTIVITY DATA

Stable: *Yes* **Conditions to Avoid:** *Heat, sparks, open flame.*
Incompatibility: *Strong oxidizers like chlorine or concentrated oxygen.*
Hazardous Decomposition Products: *Combustion may produce carbon monoxide, other undetermined oxides, smoke and fumes.*
Polymerization: *No* **Conditions to Avoid:** *None known*

SECTION 6 - HEALTH HAZARDS

Primary Routes of Entry: Oral: No Carcinogenic Listing: NTP: No
 Inhalation: Yes IARC: No
 Skin Absorb.: Yes ACGIH: No

HMIS Rating: ¹ Health: 2 Flammability: 3 Reactivity: 0

Signs/Symptoms of Exposure: *May cause eye irritation with possible corneal injury. May cause skin irritation. May cause gastrointestinal irritation, CNS depression, liver and kidney damage, nausea, vomiting, etc from ingestion. Inhalation may cause CNS depression, headache, dizziness, respiratory irritation.*

Emergency First Aid Procedures

Eye Contact: *Flush with running water for 15 minutes, holding lid open to expose eye surface. Contact physician.*

Skin Contact: *Remove contaminated clothing and shoes. Wash with mild soap and water, apply skin cream for irritation. Contact physician if irritation persists.*

Inhalation: *Remove to fresh air at once. Apply artificial respiration if necessary. Contact physician immediately.*

Ingestion: *Do not induce vomiting. Contact physician immediately.*

Chronic Hazards: *Health studies have shown that many chemicals pose human health risks which may vary from person to person. Prolonged or repeated skin contact may cause dermatitis. Chronic inhalation may cause affects similar to those of acute inhalation. Intentional misuse by deliberate concentration and inhalation may be harmful or fatal. As a precaution, exposure to liquids or vapors should be minimized.*

SECTION 7 - SPECIAL PRECAUTIONS/SPILL & LEAK PROCEDURES

Precautions for Storage and Handling: *Keep containers closed when not in use. Do not use or store near open flame or strong oxidizers.*

Other Precautions: *Avoid breathing vapors or mists; prolonged or repeated skin contact.*

Spill or Leak Precautions: **** DANGER! LEAKING AEROSOLS CAN BE AN EXTREME FIRE AND EXPLOSION HAZARD!** *Remove ignition sources. Small liquid spills may be taken up with absorbent material.*

Waste Disposal Method: *Comply with all applicable regulations.*

SECTION 8 - SPECIAL PROTECTION & PRECAUTIONS

Respiratory Protection: *None required in normal use.*

Ventilation Type Required: *Adequate to maintain level below established standards.*

Local Exhaust: Yes **Rate:** >60 fpm **Mech. (General)** No

Gloves: *Chemical resistant*

Eye Protection: *Face shield or safety glasses recommended.*

Other Clothing/Equipment: *None required in normal use.*

Work/Hygienic Practices: *Basic good housekeeping. Smoke only in designated areas.*

SECTION 9 - SHIPPING/LABELING INFORMATION

DRY FILM LUBRICANT MATERIAL SAFETY DATA SHEET, CONTINUED

DOT ID Number: *None*
DOT Hazard Class: *ORM-D*
DOT Shipping Name: *Consumer commodity*
DOT Precautionary Label: *Cartons must bear ORM-D marking and orientation arrows*
Packing Group: *None assigned*
IMO/IATA ID Number: *UN1950 / UN1950*
IMO/IATA Hazard Class: *2.0 / 2.1*
IMO Shipping Name: *AEROSOLS*
IATA Shipping Name: *Aerosols*
IMO/IATA Precautionary Label: *AEROSOLS statement / Flammable Gas diamond*
IMO/IATA Packing Group: *II / None assigned*
IMO Page Number: *2102*
Marine Pollutant: *No*

In Case of Transportation Emergency, Call Chemtrec 1-800-424-9300

¹ Values given in this section are for non-aerosolized product

Abbreviations

NA	<i>Not Applicable</i>	mppcf	<i>Million Parts per Cubic Foot</i>
N AV	<i>Not Available</i>	ppm	<i>Parts per Million</i>
ND	<i>Not Determined</i>	mg/m³	<i>Milligrams per Cubic Meter</i>
NE	<i>None Established</i>	CAS	<i>Chemical Abstract Service</i>
NTP	<i>National Toxicology Program</i>	SCBA	<i>Self Contained Breathing Apparatus</i>
IBP	<i>Initial Boiling Point</i>	fpm	<i>Feet per Minute, Face Velocity</i>
TCC	<i>Tagliabue Closed Cup</i>		
COC	<i>Cleveland Open Cup</i>		
IARC	<i>International Agency for Research on Cancer</i>		
OSHA	<i>Occupational Safety and Health Administration</i>		
ACGIH	<i>American Conference of Governmental Hygienists</i>		

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