

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH	HMIS®	1*	REACTIVITY	0
FLAMMABILITY		3	PERSONAL PROTECTION	B

Identity (As Used on Label and List)
50420 Non-Chlorinated Silicone Lubricant

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Manufacturer's Name ITW DYMON	Emergency Telephone Number 1-800-535-5053
Address (Number, Street, City, State, and ZIP Code) 805 EAST OLD 56 HIGHWAY OLATHE, KANSAS 66061	Telephone Number for Information 1-913-397-9889
	Date Prepared February 19, 2001
	Signature of Preparer (Optional) REGULATORY DEPT.

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	%(Opt.)
n-Heptane	142-82-5	500 ppm	400 ppm	STEL 500 ppm	60 - 100%
Carbon dioxide	124-38-9	5000 ppm	5000 ppm	STEL 30000 ppm	1 - 5%

This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

Boiling Point Concentrate	212 ° F	Specific Gravity (H₂O = 1) Concentrate @70 ° F	0.695
Pressure (psig. @ 70 ° F)	70 ± 5	Melting Point	No Data
Vapor Density (AIR = 1)	Greater than One (1)	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Negligible	pH	Not applicable

Appearance and Odor -

Clear colorless liquid with a light solvent odor in an aerosol can.

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065) Greater than 18", flashback, extremely flammable	Flammable Limits No Data	LEL No Data	UEL No Data
--	------------------------------------	-----------------------	-----------------------

Extinguishing Media -

Foam or dry chemical. Treat as an oil fire. Fire may float on water and spread.

Special Fire Fighting Procedures - Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards -

Aerosol container (pressurized) may burst if heated over 120 ° F. Extremely flammable liquid and vapor. Flammable vapors are heavier than air and may travel along the ground to distant ignition sources where they may ignite or explode.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, direct sunlight
	Stable	X	

Incompatibility (Materials to Avoid) -

Strong oxidizing agents, alkaline materials and acids, reactive metals (sodium, potassium, magnesium) and their hydrides.

Hazardous Decomposition or Byproducts -

Carbon dioxide, carbon monoxide, silicon dioxide, smoke, soot and various organic oxidation by-products. Very long term storage may risk the formation of unstable peroxides.

Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?

Health Hazards (Acute and Chronic) - Danger. Extremely flammable liquid and vapor. Vapor may cause flash fire. Contains petroleum distillates. Harmful if inhaled or swallowed. Aspiration hazard. Can enter lungs and cause damage. May cause skin and eye irritation. Repeated or prolonged skin contact may cause dermatitis. Overexposure to vapors will induce central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

Carcinogenicity: None known	NTP? No	IARC Monographs? No	OSHA Regulated? No
--------------------------------	------------	------------------------	-----------------------

WARNING: This product may contain trace chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Signs and Symptoms of Exposure - Redness, tearing burning in eyes. Dryness, redness or cracking skin. Swallowing or inhalation may cause drowsiness, dizziness, fatigue, headache or loss of coordination.

Medical Conditions Generally Aggravated by Exposure - Pre-existing skin disorders may be adversely affected. Follow good chemical hygiene practices when using this and other chemical products.

Emergency and First Aid Procedures: **Eyes -** Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention. **Ingestion -** Call a physician or poison control center immediately. Do NOT induce vomiting unless directed to do so by a physician or poison control center. Never give anything by mouth to an unconscious person. **Inhalation -** Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. If breathing is difficult, give oxygen. **Skin -** Immediately flush skin with plenty of water and soap. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse. If irritation arises and persists, call a physician.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled - Caution, slip hazard. Wipe up small spills promptly. Remove any residues with a safety solvent or suitable detergent. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread.

Waste Disposal Method - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes. Offer for recycling if resources are available.

Precautions to be Taken in Handling and Storing - Keep containers tightly closed. Do not use around ignition sources such as heat, sparks, open flame, hot metal, static electricity, electric motors and compressors, etc. Do not smoke while using. Do not inhale mist or vapors. Use with adequate ventilation. Do not swallow. Wash thoroughly after handling. Do not allow eye contact. Avoid contact with skin and clothing. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Direct spray away from face. Replace cap when not in use. Do not puncture or incinerate container.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

Ventilation	Local Exhaust	Acceptable	Special	None
	Mechanical (General)	Yes	Other	None

Protective Gloves - Only if direct contact is possible

Eye Protection - Yes, goggles or approved safety glasses

Other Protective Clothing or Equipment -

Not usually necessary. If direct contact is possible, wear apron, boots, faceshield, gloves, etc. as required.

Work/Hygienic Practices -

Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc. Do not smoke while using.

WARNING! The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER, OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.