

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

MANUFACTURER'S NAME: LOCTITE CORPORATION
MANUFACTURER'S ADDRESS: 1001 TROUT BROOK CROSSING
CITY/STATE/ZIP: ROCKY HILL, CT 06067-3910

DISTRIBUTOR'S NAME: IMPERIAL INC
DISTRIBUTOR'S ADDRESS: 789 PACKER DRIVE
CITY/STATE/ZIP: GREEN BAY, WI 54307
INFORMATION TELEPHONE: 800-558-2808
EMERGENCY NUMBER: 800-255-3924

PRODUCT NAME: HYDRAULIC JACK OIL
ITEM NUMBER: 5505-0 & 5505-1
PRODUCT TYPE: HYDRAULIC FLUID

2. COMPOSITION, INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Mineral oil	64742-52-5	95-100
Polymethacrylate dispersion	Proprietary	1-3
Rust inhibitor	Proprietary	0.1-1
Surfactant	Proprietary	0.01-0.1

The polymethacrylate dispersion is registered with the state of New Jersey as a trade secret:
NJ TSNR 06-070-1067-5034P

The rust inhibitor is registered with the state of New Jersey as a trade secret:
NJ TSNR 06-070-1067-5035P.

The surfactant is registered with the state of New Jersey as a trade secret: NJ
TSNR 06-070-1067-5036P.

Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Mineral oil	5 mg/m3 mist	5 mg/m3 mist	None

Exposure Limits (STEL) Ingredients	ACGIH (TLV)	OSHA (PEL)
Mineral oil	10 mg/m3 mist	None

3. HAZARDS IDENTIFICATION

Toxicity: Skin and eye irritant.

Primary Routes of Entry; Skin, ingestion, inhalation

Signs and Symptoms
Of Exposure: Prolonged exposure may cause dermatitis. Breathing
of mist or vapor may cause irritation of the
pulmonary tract or aspiration pneumonia.

Existing Conditions
Aggravated by Exposure: None known

Ingredients	Literature Referenced Target Organ and Other Health Effects	Carcinogen				
		NTP	IARC	OSHA		
Mineral oil	IRR		NO	NO	NO	
Polymethacrylate dispersion	No Data			NO	NO	NO
Rust inhibitor	No Data	NO	NO	NO		
Surfactant	No Data	NO	NO	NO		

Abbreviations

IRR Irritant

4. FIRST AID MEASURES

Ingestion:

Do not induce vomiting. Keep individual calm. Obtain medical attention.

Inhalation:

Not likely to occur except as mist. Remove to fresh air. If symptoms persist, obtain medical attention.

Skin Contact:

Wash with soap and water. If irritation persists, consult a physician.

Eye Contact:

Flush with water for at least fifteen minutes. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Flash Point:

More than 200°F

Method: Open cup

Recommended

Extinguishing Agents:

Carbon dioxide, foam, dry chemical

Special Firefighting

Procedures:

Not available

Hazardous Products formed

By Fire or Thermal Decomp: Irritating organic vapors

Unusual Fire or

Explosion Hazards:

None

Explosive Limits:

(% by volume in air) Lower

Not available

(% by volume in air) Upper

Not available

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case
of spill or leak:

Contain spill. Soak up in an inert absorbent.

Store in a closed container until disposed
up residue with soap and water.

7. HANDLING AND STORAGE

Safe Storage:

sparks, or hot surfaces.

(Contact Loctite Customer
life information)

Handling:

Keep away from eyes. Avoid

Keep away from flames,

Service 1-800-243-4874 for shelf

Avoid skin contact.

prolonged breathing of vapors.

8. EXPOSURE CONTROLS, PERSONAL PRETECTION

Eyes:

Safety glasses or goggles.

Skin:

Neoprene or plastic gloves.

Ventilation:

Sufficient to maintain vapor concentration below TLV.

Respiratory

NIOSH/MSHA approved respirator when ventilation
is inadequate.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Amber liquid

Odor:

Mild petroleum

Boiling Point:

More than 500°F

pH:

Does not apply

Solubility in Water:

Negligible

Specific Gravity:

0.905 at 60°F

Volatile Organic Compound

(EPA Method 24)	21.6 %: 195 grams per liter
Vapor Pressure:	Less than 5 mm
Vapor Density:	Not available
Evaporation Rate	
(Ether = 1)	Not available

10. STABILITY AND REACTIVITY

Stability:	Stable
Hazardous Polymerization:	Will not occur
Incompatibility:	Strong oxidizers.
Conditions to Avoid:	Not available
Hazardous Decomposition	
Products (non-thermal):	None

11. TOXICOLOGICAL INFORMATION

See section 3.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Recommended methods of disposal: Incinerate following EPA and local regulations.

EPA Hazardous Waste Number NH - Not a RCRA Hazardous Waste Material

14. TRANSPORTATION INFORMATION

DOT (49 CFR 172)

Domestic Ground Transport

Proper Shipping Name: Unrestricted

Hazard Class or Division: Unrestricted

Identification Number: None

Marine Pollutant: None

IATA

Proper Shipping Name: Unrestricted

Class or Division: Unrestricted

UN or ID Number: None

15. REGULATORY INFORMATION

CA Proposition 65:

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. ppm cadmium, lead, arsenic

16. OTHER INFORMATION

Estimated NFPA « Code:
Health Hazard: 0

op220
INFORMATION FOR: BVANESS

FORM GENERATOR, IMPERIAL INC.

Page: 4
MSDS SHEET FOR 005505-0

Fire Hazard: 1
Reactivity Hazard: 0
Specific Hazard: Does not apply

Estimated HMIS « Code:
Health Hazard: 0
Flammability Hazard: 1
Reactivity Hazards: 0
Personal Protection: See Section 8.

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

17. OTHER INFORMATION

Prepared By: Stephen Repetto
Title: Research Chemist - Health & Regulatory Affairs
Company: Loctite Corp. 1001 Tr Br Cr, Rocky Hill CT 06067
(24 hr.) Phone: (860) 571-5100
Revision Date: September 26, 1997

Revision: 0020