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U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-11387

MATERIAL SAFETY DATA SHEET

VP 419540

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

01-35

SECTION I

MANUFACTURER'S NAME Mechanic's Helper, Inc.		EMERGENCY TELEPHONE NO. (812) 824-8000
ADDRESS (Number, Street, City, State, and ZIP Code) 6100 S. Fairfax Rd. Bloomington Indiana 47401		
CHEMICAL NAME AND SYNONYM Dimethylpolysiloxane		TRADE NAME AND SYNONYMS Silicone 200 Fluid, 100 CST
CHEMICAL FAMILY Silicone	CAS. NO.: 63148-62-9	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS		NA	BASE METAL		NA
CATALYST		NA	ALLOYS		NA
VEHICLE		NA	METALLIC COATINGS		NA
SOLVENTS		NA	FILLER METAL PLUS COATING OR CORE FLUX		NA
ADDITIVES		NA	OTHERS		NA
HS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				Max %	TLV (Units)

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	600°F +	SPECIFIC GRAVITY (H ₂ O=1)	0.98
VAPOR PRESSURE (mm Hg)	Less Than 5mm	PERCENT VOLATILE BY VOLUME (%)	Less Than 5%
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (ETHER=1)	Less Than 1
SOLUBILITY IN WATER	Less Than 0.1%		
APPEARANCE AND ODOR	Very little odor - Liquid type - No color		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used) Open cup method	600°F/315°C Minimum	FLAMMABLE LIMITS	Lel NA	Uel NA
EXTINGUISHING MEDIA	Carbon Dioxide or Foam			
SPECIAL FIRE FIGHTING PROCEDURES	Self contained breathing apparatus and protective clothing should be worn in fighting fires involving chemicals.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None known to Mechanic's Helper, Inc.,			

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE	Not Established
EFFECTS OF OVEREXPOSURE	May cause temporary discomfort to eyes.
EMERGENCY AND FIRST AID PROCEDURES	Flush eyes and skin with water

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE	NA	CONDITIONS TO AVOID	NA
	STABLE	XXX		
INCOMPATABILITY <i>(Materials to avoid)</i> Oxidizing materials can cause a reaction				
HAZARDOUS DECOMPOSITION PRODUCTS Silicope Dioxide, Carbon Dioxide and traces of incompletely burned carbon products.				
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	NA.
	WILL NOT OCCUR	XXX		

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	Use absorbent material to collect and contain for salvage.
WASTE DISPOSAL METHOD	Mechanic's Helper, Inc. suggests that all Local, State and Federal Regulations concerning health and pollution be reviewed to determine approved disposal procedures. Contact Mechanic's Helper, Inc. if there are any disposal questions.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION <i>(Specify type)</i> None should be needed.		
VENTILATION	LOCAL EXHAUST	SPECIAL NA
	MECHANICAL <i>(General)</i>	OTHER NA
PROTECTIVE GLOVES		EYE PROTECTION
None should be needed.		Should be worn.
OTHER PROTECTIVE EQUIPMENT As required by your company.		

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	Use reasonable care and caution.
OTHER PRECAUTIONS Heated in air at temps. above 302°F/150°C Formaldehyde evolves from fluid. At elevated provide adequate ventilation.	