

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

Form Approved
OMB No. 44-81387

MATERIAL SAFETY DATA SHEET

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

SECTION I

MANUFACTURER'S NAME Ricoh CO., Ltd.		EMERGENCY TELEPHONE NO. 03-777-8183
ADDRESS (Number, Street, City, State, and ZIP Code) 1-3-6, Nakamagome, Ota-ku, Tokyo, Japan		
CHEMICAL NAME AND SYNONYMS Dimethyl polysiloxane		TRADE NAME AND SYNONYMS Ricoh silicone oil
CHEMICAL FAMILY -	FORMULA -	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS (Dimetyl polysiloxane) 100					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Not applicable					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	N.A.	SPECIFIC GRAVITY (H ₂ O=1)	0.97
VAPOR PRESSURE (mm Hg.)	N.A.	PERCENT, VOLATILE BY VOLUME (%)	N.A.
VAPOR DENSITY (AIR=1)	N.A.	EVAPORATION RATE (<u> </u> = 1)	N.A.
SOLUBILITY IN WATER	Insoluble		
APPEARANCE AND COLOR	Colorless clear liquid, no smell.		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	over 315 °C	FLAMMABLE LIMITS	LFL	UFL
EXTINGUISHING MEDIA	If product becomes involved in a fire, use CO ₂ , foam, or dry chemical.			
SPECIAL FIRE FIGHTING PROCEDURES				
	None			
UNUSUAL FIRE AND EXPLOSION HAZARDS				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

None established. Health hazard is minimal, being neither irritating nor

EFFECTS OF OVEREXPOSURE

corrosive. Oil base, so do not take internally.

There is no health hazard under normal use conditions.

EMERGENCY AND FIRST AID PROCEDURES

Contact with Skin: Normal washing with soap and water.

In eyes: Try to flush out with water.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

None

HAZARDOUS DECOMPOSITION PRODUCTS

**HAZARDOUS
POLYMERIZATION**

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

If spilled, wipe up with a piece of cloth.

WASTE DISPOSAL METHOD

No special precautions.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

None needed

VENTILATION

LOCAL EXHAUST

SPECIAL

None needed

MECHANICAL (General)

OTHER

None needed

PROTECTIVE GLOVES

None needed

EYE PROTECTION

None needed

OTHER PROTECTIVE EQUIPMENT

None needed

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in a cool and dark place.

Keep closed cap on.

OTHER PRECAUTIONS