

# MATERIAL SAFETY DATA SHEET



#### I. PRODUCT IDENTIFICATION

WD-40 Company Telephone: Manufacturer:

> Emergency only: 1-888-324-7596

Address: 1681 Cudahy Place (92110) (PROZAR)

P.O. Box 80607

San Diego, California

Information: (619) 275-1400

3-IN-ONE Professional Silicone Spray Trade Name:

Lubricant

92138-0607

Item Number: 10041

# II. HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	%	Exposure Limit ACGIH/OSHA
Distillates (Petroleum)	64742-47-8	35-40	300 PPM (TLV)
Polydimethylsiloxane	63148-62-9	2-4	NDA
Aliphatic Petroleum Distillates	8052-41-3	25-30	100 PPM (PEL)
Hydrocarbon Propellant	68-476-86-8	25-35	600 PPM (TLV)

#### III. PHYSICAL DATA

Pour Point NDA **Evaporation Rate:** NDA

Vapor Pressure: Vapor Density (air=1): NDA 40-60 PSI @ 70°F

Solubility in Water: insoluble Appearance: clear Specific Gravity (H<sub>2</sub>0) Odor: 0.75 petroleum

Percent Volatile (volume): 98.0%

#### IV. FIRE AND EXPLOSION

Flash Point: -20°F (TOC) (Lel) 1.8 (Uel) 9.5 Flammable Limits: Extinguishing Media: CO<sub>2</sub>, dry chemical, foam.

Special Fire Fighting Procedures: EXTREMELY FLAMMABLE. UFC level 3 aerosol.

Unusual Fire and Explosion Hazards: Keep away from ignition source and open flame. Contents under pressure.

# V. HEALTH HAZARD / ROUTE(S) OF ENTRY

Distillates (Petroleum) lowest TLV (ACGIH 100 ppm) **Threshold Limit Value:** 

**Symptoms of Overexposure:** 

Inhalation (Breathing): May cause anesthesia, headache, dizziness, nausea and upper respiratory irritation.

May cause drying of skin and/or irritation. Skin contact: May cause irritation, tearing and redness. Eve contact:

Ingestion (Swallowed): May caused irritation, nausea, vomiting and diarrhea.

First Aid Emergency Procedures:

Ingestion (Swallowed): Do not induce vomiting, seek medical attention.

**Eye Contact:** Immediately flush eyes with large amounts of water for 15 minutes.

**Skin Contact:** Wash with soap and water.

Remove to fresh air. Give artificial respiration if necessary. If breathing is difficult, give Inhalation (Breathing):

oxygen. Pre-existing medical conditions such as eye, skin and respiratory disorders

may be aggravated by exposure.

DANGER!

Aspiration Hazard: If swallowed, can enter lungs and may cause chemical pneumonitis. Do not induce

vomiting. Call physician immediately.

**Suspected Cancer Agent** The components in this mixture have been found to be noncarcinogenic by NTP,

No\_X\_ IARC and OSHA Yes

#### **VI. REACTIVITY DATA**

Stability: Stable \_X Unstable\_\_\_

Conditions to avoid: Heat and open flame.

Incompatibility: Strong oxidizing agents

Hazardous decomposition products: Carbon monoxide and/or carbon dioxide

Hazardous polymerization: May occur \_\_\_\_ Will not occur\_X\_

#### **VII. SPILL OR LEAK PROCEDURES**

# **Spill Response Procedures**

Spill unlikely from aerosol cans. Leaking cans should be placed in plastic bag or open pail until pressure has dissipated.

# **Waste Disposal Method**

Empty aerosol cans should not be punctured or incinerated; bury in land fill. Liquid should be incinerated or buried in land fill. Dispose of in accordance with local, state and federal regulations.

# **VIII. SPECIAL HANDLING INFORMATION**

Ventilation: Sufficient to keep solvent vapor less than TLV.
Respiratory Protection: Advised when concentrations exceed TLV.
Protective Gloves: Advised to prevent possible skin irritation.

Eye Protection: Approved eye protections to safeguard against potential eye contact, irritation or injury.

Other Protective Equipment: None required.

# IX. SPECIAL PRECAUTIONS

Keep from sources of ignition. Avoid excessive inhalation of spray particles, do not take internally. Do not puncture, incinerate or store container above 120°F. Exposure to heat may cause bursting. Keep can away from electrical current or battery terminals. Electrical arcing can cause burn-through (puncture) which may result in flash fire, causing serious injury. Keep from children.

## IX. REGULATORY INFORMATION

NA: Not applicable NDA: No data available

All ingredients for this product are listed	on the TSCA inventory.
SARA Title III chemicals:	None
California Prop 65 chemicals:	None
CERCLA reportable quantity:	None
RCRA hazardous waste no:	D001

SIGNATURE:	R. Miles Wiles	TITLE:	Technical Director
REVISION DATE:	NOVEMBER 2002 (New)	SUPERSEDES:	

( = Less than ) = More than

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