

Established on Jan. 20, 1998

Revised on Apr.18, 2005

## MATERIAL SAFETY DATA SHEET

**PRODUCT NAME:** Silicone Grease No.A1028

**COMPONENTS AND CONTENTS:** Silica

**RAW MATERIAL MANUFACTURER:** DOW CORNING ASIA LTD.

**MSDS:** See the attached sheet prepared by the raw material manufacturer.

**Company:** HAKKO CORPORATION

**Address:** 4-5, Shiokusa 2-chome, Naniwa-ku, Osaka 556-0024 Japan

**Section in charge:** Research & Development Center

**Person in charge:** Makoto Onda

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**Emergency telephone numbers:** 81-6-6561-3225

**Person in charge:** Sales Division



**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.

U. S. Department of Labor  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

**IDENTITY (As Used on Label and List)**  
 DOW CORNING ® 7 RELEASE COMPOUND

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 DOW CORNING ASIA LTD.	Emergency Telephone Number 0465-76-3101
Address (NUMBER, Street, City, State, and ZIP Code) 15-1, Nishishimbashi 1-chome, Minato-Ku	Telephone Number for Information 0465-76-3101
Tokyo 105, JAPAN	Date Prepared MARCH 28, 1996
	Signature of Preparer ( optional ) OSAMU SATO

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits	% ( optional )
			Recommended	
CAS No.	OSHA LIMITS		ACGIH LIMITS	
007631869    SILICA, AMORPHOUS	OSHA PEL: TWA 15 MG/M <sup>3</sup>	ACGIH TLV: TWA 10 MG/M <sup>3</sup>		5~10 wt%
	TOTAL DUST, 5MG/M <sup>3</sup>	TOTAL DUST.		
	RESPIRABLE FRACTION.			

**Section III - Physical/Chemical Characteristics**

Boiling Point	NOT APPLICABLE	Specific Gravity(H <sub>2</sub> O = 1)	1.10
Vapor Pressure(mm Hg.)	NOT APPLICABLE	Melting Point	NOT DETERMINED
Vapor Density(AIR =1)	NOT APPLICABLE	Evaporation Rate (Ether = 1)	NOT APPLICABLE

Solubility in water                      NONE

Appearance and Odor                      SOME OROR, GREASE, TRANSLUCENT WHITE

**Section IV - Fire and Explosion Hazard Data**

Flash Point(Method Used)	OPEN CUP, ABOVE 101 °C	Flammable Limits	LEL NOT DETERMINED	UEL NOT DETERMINED
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Extinguishing Media                      WATER FOG, CO., DRY CHEMICAL, FOAM

Special Fire Fighting Procedures  
 SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING  
 SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS.  
 IF LARGE AMOUNT IS INVORVED, EVACUATE AREA.

Unusual Fire and Exposition Hazards  
 NONE

**Section V-Reactivity Data**

[ DOW CORNING® 7 RELEASE COMPOUND ]

Stability	Unstable		Conditions to Avoid	NONE
	Stable	X		

Incompatibility (Materials to Avoid)  
OXIDIZING MATERIAL CAN CAUSE A REACTION.

Hazardous Decomposition or Byproducts  
SiO<sub>2</sub>, CO<sub>2</sub>, AND TRACES OF INCOMPLETELY BURNED CARBON PRODUCTS, FORMALDEHYDE.

Hazardous Polymerization	May Occur		Conditions to Avoid	NONE
	Will Not Occur	X		

**Section VI-Health Hazard Data**

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

Health Hazards(Acute and Chronic)                      NO DATA

Carcinogenicity                      NTP?                      IARC Monographs?                      OSHA Regulated?  
NO DATA                      NO DATA                      NO DATA

Signs and Symptoms of Exposure  
EYE: DIRECT CONTACT MAY CAUSE TEMPORARY DISCOMFORT WITH MILD REDNESS AND DRYNESS SIMILAR TO WINDBURN. SKIN: A SINGLE PROLONGED EXPOSURE (24 TO 48 HOURS) CAUSES NO KNOWN ADVERSE EFFECT. INHALATION: NO IRRITATION TO EYES AND RESPIRATORY PASSAGES. NO INJURY IS LIKELY FROM RELATIVELY SHORT EXPOSURE OF LESS THAN 8 HOURS. ORAL: SMALL AMOUNTS TRANSFERRED TO THE MOUTH BY FINGERS DURING USE, ETC., SHOULD NOT INJURE. SWALLOWING LARGE AMOUNTS MAY CAUSE DIGESTIVE DISCOMFORT.

Medical Conditions Generally Aggravated by Exposure  
NO DATA. MAKE REFERENCE TO " Signs and Symptoms of Exposure "

Emergency and First Aid Procedures  
EYE: FLUSH IMMEDIATELY WITH WATER. SKIN: WIPE OFF AND FLUSH WITH WATER.  
INHALATION: NO FIRST AID SHOULD BE NEEDED.  
ORAL: NO FIRST AID SHOULD BE NEEDED.  
COMMENT: TREAT SYMPTOMATICALLY.

**Section VII-Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled  
USE ABSORBANT MATERIAL TO COLLECT AND CONTAIN FOR SALVAGE OR DISPOSAL.

Waste Disposal Method  
IT IS SUGGESTED THAT ALL LOCAL, STATE AND FEDERAL REGULATIONS CONCERNING HEALTH AND POLLUTION SHOULD BE REVIEWED TO DETERMINE APPROVED DISPOSAL PROCEDURES.

Precautions to Be Taken in Handling and Storing  
USE REASONABLE CARE AND CAUTION. NO SPECIAL Precautions.

Other Precautions  
AVOID EYE CONTACT. USE REASONABLE CARE.

**Section VIII-Control Measures**

Respiratory Protection(Specify Type)  
NO RESPIRATORY PROTECTION SHOULD BE NEEDED.

Ventilation	Local Exhaust	NONE SHOULD BE NEEDED	Special	NONE KNOWN
	Mechanical(General)	RECOMMENDED	Other	NONE KNOWN

Protective Gloves                      NO SPECIAL PROTECTION NEEDED.                      Eye Protection                      SAFETY GLASSES AS A MIN.

Other Protective Clothing or Equipment  
NONE SHOULD BE NEEDED.

Work/Hygienic Practices  
COMPLETE INFORMATION NOT YET AVAILABLE.