

## MATERIAL SAFETY DATA SHEET

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name : COMPOL-80  
Synonym(s) : -  
General Use : Polishing  
MSDS Number : 460100080-6

#### MANUFACTURER :

Company Name : Fujimi Incorporated  
Address : Environment & Safety Dept. : 1-1, Chiryō-2, Nishibiwajima-cho, Kiyosu,  
Aichi,452-8502 Japan  
Sales Dept. : 1-1, Chiryō-2, Nishibiwajima-cho, Kiyosu,  
Aichi,452-8502 Japan

Fujimi Incorporated  
Telephone : 81-52-503-8118(Environment & Safety Dept.)  
8:00 a.m. - 4:45 p.m. Japan Time M - F

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### 2. COMPOSITION, INFORMATION ON INGREDIENTS

Component	Chemical Name	Wt%	CAS Registry#
SiO <sub>2</sub>	Silicon dioxide	Approx. 40	7631-86-9
H <sub>2</sub> O	Water	Approx. 60	-

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### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

APPEARANCE : Milky white Slurry

TARGET ORGAN : None

#### POTENTIAL HEALTH EFFECTS

##### PRIMARY ROUTE OF EXPOSURE

INHALATION : Low hazard for usual industrial handling

EYE : May cause eye irritation.

SKIN : May cause skin irritation.

INGESTION : Low hazard for usual industrial handling

CHRONIC TOXICITY/CARCINOGENICITY : Not available

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE : Not available

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### 4. FIRST AID MEASURES

INHALATION : Not applicable

EYE CONTACT : Do not rub eyes. Do not close eyes firmly. Wash with cool running water for at least 15 minutes. Seek medical advice at once.

SKIN CONTACT : Wash with soap and water.

INGESTION : Seek medical advice at once.

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### 5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES : Not applicable (Non-flammable)

EXTINGUISHING MEDIA : Not applicable (Non-flammable)

FIRE FIGHTING INSTRUCTIONS : Not applicable (Non-flammable)

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**6. ACCIDENTAL RELEASE MEASURES**

**SMALL AMOUNT:** Wipe off with paper towel or cloth, or flush up with water.  
**LARGE AMOUNT:** Dam area and collect it in drum for reuse or disposal.  
Avoid runoff into storm sewers and ditches which lead to waterways.

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**7. HANDLING AND STORAGE**

**HANDLING** : Avoid directly eye or skin contact with slurry.  
**STORAGE** : Keep indoor storage (0-50 deg. C) to avoid high temperature or freezing which may cause the deterioration of product quality.

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**8. EXPOSURE CONTROLS, PERSONAL PROTECTION**

**ENGINEERING CONTROLS** : Install washstand and protective toolshed near the working area.

**PERSONAL PROTECTIVE EQUIPMENT :**

Eye / Face Protection : General glasses recommended.  
Skin Protection : Rubber gloves recommended.  
Respiratory Protection : Not required  
General : Impermeable apron recommended if necessary.

**EXPOSURE GUIDELINES** : SiO<sub>2</sub> OSHA PEL TWA - , ACGIH TLV TWA 10<sup>-6</sup>mg/m<sup>3</sup>  
\* (as dry powder)

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Slurry  
Color : Milky white  
Odor : Odorless  
Odor Threshold Level : Not available  
Boiling Point : 100 deg. C  
Melting Point : 1,700 deg. C  
Vapor Pressure : 1013hPa (100 deg. C)  
Vapor Density : Not available  
Solubility in Water : Insoluble (Disperses)  
Specific Gravity : 1.29  
pH : 10.2  
% Volatile : Not applicable  
Viscosity : Not available

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**10. STABILITY AND REACTIVITY**

**CHEMICAL STABILITY** : Stable at normal temperatures and pressure.  
**CONDITIONS TO AVOID** : Not applicable  
**INCOMPATIBILITY WITH OTHER MATERIALS** : Avoid acid compounds because of alkaline slurry.  
**HAZARDOUS DECOMPOSITION PRODUCTS** : Not applicable  
**HAZARDOUS POLYMERIZATION** : Not applicable

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11. TOXICOLOGICAL INFORMATION

ACUTE INITIATION EFFECTS

EYE EFFECTS : May cause irritation and inflammation to eyes in the worst case.

SKIN EFFECTS : May cause irritation to skin and cause skin roughness upon repeated contact, if a person has hypersensitive constitution.

SUBCHRONIC EFFECTS : Not available

CHRONIC EFFECTS/CARCINOGENICITY : Not available

MUTAGENICITY : Not applicable

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12. ECOLOGICAL INFORMATION : Not available

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13. DISPOSAL CONSIDERATIONS : Comply with all federal, state and local regulations.

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14. TRANSPORT INFORMATION

U.N./N.A. NUMBER : No classification assigned

D.O.T. LABEL : Not available

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15. REGULATORY INFORMATION

TSCA STATUS : All components on TSCA INVENTORY.

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16. OTHER INFORMATION

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