

Issue data: January 11, 2017

Safety Data Sheet

1. Chemical Product and Company Identification

Chemical product name : XF5D , XF07

General Use :Polishing

Supplier name : SEIKOH GIKEN Co.,Ltd.

Address : 296-1 , Matsuhidai , Matsudo-shi , Chiba , 270-2214 Japan

Telephone No : +81-47-388-6111

2. Summary of Harm and Hazards

GHS Classifications

Physical Hazards:

Explosives Classification Not classified

Flammable gases Classification Not classified

Aerosols Classification Not classified

Oxidizing gases Classification Not classified

Gases under pressure Classification Not classified

Flammable liquids Classification Not classified

Flammable solids Classification not possible

Self-reactive substances and mixtures Classification Not classified

Pyrophoric liquids Classification Not classified

Pyrophoric solids Classification Not classified

Self-heating substances and mixtures Classification Not classified

Substances and mixtures, which in contact with, emit flammable gases Classification Not classified

Oxidizing liquids Classification Not classified

Oxidizing solids Classification Not classified

Organic peroxides Classification Not classified

Corrosive to metals Classification Not classified

Health Hazards:

- Acute toxicity (oral) not possible
- Acute toxicity (dermal) not possible
- Acute toxicity (inhalation: vapor) not possible
- Acute toxicity (inhalation: dust, mist) not possible
- Skin corrosion/irritation not possible
- Serious eye damage/eye irritation not possible
- Respiratory sensitizer not possible
- Skin sensitizer Classification not possible
- Germ cell mutagenicity Category not possible
- Carcinogenicity Classification not possible
- Toxic to reproduction Category not possible
- Specific target organs / systemic toxicity following single exposure not possible
- Specific target organs / systemic toxicity following repeated exposure not possible
- Aspiration hazard Classification not possible

Environmental Hazards:

- Hazardous to the aquatic environment (acute) Classification not possible
- Hazardous to the aquatic environment (chronic) Classification not possible
- Hazardous to the ozone layer Classification not possible

Other harm and/or hazards are not applicable.

Pictograms: N/A

Signal Word: N/A

Hazard Statements: Nothing in particular

Prevention precautionary statements:

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.

Response precautionary statements: Nothing in particular

Storage precautionary statements: Nothing in particular

Disposal precautionary statements:

- P501 Discard a content/container in accordance with the rule of a country/all prefectures /cities, towns and villages.

3. Composition/Information on Ingredients

Chemical or Mixture: Mixture

Chemical name : Silicon dioxide Film

Ingredient	Contents	Formula	CAS No.
Polyethylene terephthalate	88wt% or more	(C ₁₀ H ₈ O ₄) _n	25038-59-9
Silicon dioxide	11wt% or more	SiO ₂	7631-86-9
resin	1wt% or less	Nondisclosure	Nondisclosure

4. First Aid Measures

Inhalation : Nothing in particular

Eyes : Any material that contacts the eye should be washed out immediately with water. Get medical attention if symptoms occur.

Skin : Nothing in particular

Ingestion : Nothing in particular

5. Fire Fighting Measures

Extinguishing Media : Carbon dioxide (CO₂), dry chemical powder, alcohol resistant foam, water etc.

Special Fire Fighting Procedures : Firemen should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: The possibility is low. Move it to a safe place promptly.

6. Accidental Release Measures

Personal Precautions : Nothing in particular

Environmental Precautions : Nothing in particular

Removal method : Nothing in particular

7. Handling and Storage

Handling:

Technical Measures : This products have possibility to generate static electricity, so don't leave around the flammable liquids.

Precautions : Don't directly touch the surface of products without protective gloves, because sebum of our skin degrade the performance of them.

Safe Handling Advice : Be careful not to cut your skin by the edge of cutted films.

Storage : Extreme heat and high humidity, direct rays, and rain water are avoided.

Hazardous substance for contacting with this products : Especially Nothing

8. Exposure Controls, Personal Protection

Occupational exposure limits : Silica

ACGIH (2012):

Inhalable particulate 10mg/m³

Respirable particulate 3mg/m³

OSHA: 5 mg/m³ (TWA, total dust)

JAIH(2012): TWA Inhalant dust 2mg/m³, Total dust 8mg/m³

Facility measures : Nothing in particular

Protective equipment : Nothing in particular

9. Physical and Chemical Properties

Appearance and Odor : Seat solid and no odor

Boiling Point : N/D

Melting Point :258°C (PET)

Vaper Pressure (mmHg) : N/D

Vaper Density (Air=1) : N/D

Specific Gravity (H₂O=1) : N/D

Evaporation Rate (Butyle Acetate=1) : N/D

pH : N/D

Solubility in Water : Insoluble

10. Stability and Reactivity

Flash point : N/D

Explosive limits : N/D

Ignition temperature : 400°C or more

Stability : N/D

Reactivity : Stable at normal temperature

Hazardous materials mixing it : Base

11. Toxicological Information

Irritation : N/D

Sensitization : N/D

Acute toxicity : Amorphous silica

Oral, in rats: LD₅₀ 3,160mg (as fused)

Subacute toxicity : N/D

Carcinogenicity : Silica
IARC class3
Mutagenicity : N/D
Teratogenicity : N/D
Others :N/D

12. Ecological Information

Degradability :N/D
Bioaccumulation :N/D
Ichthyotoxicity : N/D
Others :N/D

13. Disposal Considerations

Discard the product in compliance with country, local, state, federal laws and regulations.

14. Transport Information

DOT Recognized Chemical Name: N/A
UN Hazard Class : Not classified
UN No. :N/A
General Precautions : Shut out the rain and water leak. Have no impact on it.

15. Regulatory Information

Industrial Safety and Health Act Silica
Article 57-2, Notifiable substances

16. Other Information

Handling of these contents

Although this datasheet is prepared based on currently available materials, information, and data, these contents do not guarantee the perfection of information, and accuracy. These precautions are applicable to ordinary handling. Safety measures appropriate for the usage should be taken for a special handling.