

Safety Data Sheet

KG100

1. PRODUCT AND COMPANY IDENTIFICATION

Material Identification

Product name: Primary Fiber Coating

Trade name: KG100

Recommended uses: Used as coating for production of cables

Company Identification

Shanghai PhiChem Material Co., Ltd.

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2. HAZARDS IDENTIFICATION

Pictogram(s)



Signal Word: Warning

Hazard Class	GHS Code	Hazard Category
Skin corrosion/irritation	H315	2
Skin Sensitation	H317	1
Serious eye damage/eye irritation	H319	2

Hazard Statement

H315 - Causes skin irritation

H317 - May cause an allergic skin reaction

H319 - Causes serious eye irritation

Precautionary Statements

PREVENTION

Wash parts of the body in contact with substance thoroughly after Handling. Wear protective gloves/eye protection/face protection/protective clothing. Avoid breathing/dust/fume/gas/mist/vapours/ spray. Contaminate work clothing should not be allowed out of the workplace. Obtain special instruction before use. Do not handle until all safety precautions have been read and understood. Avoid release to the environment.

RESPONSE

IF ON SKIN: Wash with plenty water. IF skin irritation or occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

STORAGE

Store in a well-ventilated place. Keep cool. Protect from sunlight. Store locked up.

DISPOSAL

Dispose of container in accordance with local/regional/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Percent(%)	CAS No.
Acrylate Oligomer(s)	20-80	/
HDDA (Hexamethylene Diacrylate)	0-10	13048-33-4
Diphenyl (2,4,6-trimethylbenzoyl) phosphine oxide	1-8	75980-60-8
1-Hydroxy-Cyclohexyl Phenyl Ketone	2-10	947-19-3
Vinyltris(2-methoxyethoxy)silane	1-5	1067-53-4

4. FIRST AID MEASURES

Eyes contact

If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a doctor, or for at least 15 minutes.

Skin contact

If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by the Poisons Information Centre or a doctor.

Inhalation

If inhaled, remove from contaminated area. Apply artificial respiration if not breathing..

Ingestion

For advice, contact a Poisons Information Centre or a doctor (at once). If swallowed, do not induce vomiting.

5. FIRE FIGHTING MEASURES**Extinguishing Media**

Water spray, dry chemical, Alcohol-resistant foam, carbon dioxide.

Unsuitable Extinguishing Media

Avoid the use of a stream of water to control fire.

Fire Fighting Instructions

Full protective clothing and self-contained breathing apparatus. Avoid breathing decomposition products.

Hazardous Decomposition

Oxides of carbon, oxides of nitrogen.

Fire/explosion hazards

Vapours may form explosive mixtures with air. Vapour may cause flash fires. Vapours may accumulate in low or confined areas, travel a considerable distance to a source of ignition and flash back. Runoff to sewer may create a fire or explosion hazard. Containers may explode when heated.

6. ACCIDENTAL RELEASE MEASURES**Personal Precautions**

Immediately contact emergency services. Eliminate all sources of ignition. Evacuate all non-essential personnel. Ventilate area. Be aware of possible accumulation of vapour. Follow fire-fighting measures.

Clean-up Methods

Absorb or contain liquid with sand, earth or spill control material. Collect and place in a labeled sealable container for subsequent safe disposal.

Environmental Precautions

Avoid disposing into drainage/sewer system.

7. HANDLING AND STORAGE

Handling

Avoid contact with eyes, skin, or clothing. Use only with adequate ventilation. Avoid breathing vapor or mist. Keep away from heat, spark and flame. As a precaution, to avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion proof electrical equipment. Wash thoroughly after handling.

Storage

Keep containers tightly closed in a cool, well-ventilated place. Handle and open container with care. Protect from direct sunlight. Keep in a cool, well ventilated area. Avoid all possible sources of ignition (heat, spark, flame).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls

Keep container tightly closed. Use only with adequate ventilation. Safety shower and eyewash fountain should be within direct access.

Personal Protective Equipment

EYE/FACE PROTECTION

Wear coverall chemical splash goggles.

RESPIRATORS

Wear NIOSH approved respiratory protection as appropriate.

PROTECTIVE CLOTHING

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Data

Appearance	Transparent liquid
Boiling point (°C)	N/A
Flash point (°C)	>93°C
Auto-ignition temperature (°C)	N/A
Relative density (water=1)	1.0-1.2 g/cm ³
Upper explosive limit% (V/V)	N/A
Lower explosive limit% (V/V)	N/A
Saturated vapor pressure (k · Pa)	N/A
Partition coefficient	N/A

n-octanol/water	
Solubility	Negligible in water
pH	N/A
Critical temperature	N/A
Critical pressure	N/A
Decomposition temperature	N/A
Combustion heat (Kj/mol)	N/A
Evaporation rate (Butyl acetate=1)	<1
Flammability (Solid, Gas)	N/A
Viscosity (cPa • s)	5300 ± 500 (25°C)
Odor threshold (mg/m ³)	N/A

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal temperatures and pressures.

Condition to Avoid

Keep away from light, heat and sources of ignition and Incompatible materials.

Incompatibility with Other Materials

Incompatible with oxidising agents (eg. hypochlorites), acids (eg. nitric acid), metals, heat and ignition sources.

Hazard Decomposition

No data available

Polymerization

Can occur if exposure to heat, light, radiation.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure

Skin, Inhalation, Eyes, Ingestion.

Potential Health Effects/Symptoms

May be harmful if absorbed its solution through the skin or inhaled. Do not get in eyes, on skin, or on clothing. Do not breathe spray mist. Remove contaminated clothing and wash clothing before reuse.

12. ECOLOGICAL INFORMATION

Ecological Information

No data available

13. DISPOSAL CONSIDERATIONS**Waste Disposal**

Treatment, storage, transportation, and disposal must be in accordance with applicable Federal, State/Provincial, and Local regulations.

14. TRANSPORT INFORMATION**Sea transport information (IMDG)**

Hazard identification: No

Suggestion according to IMO IMDG Code: The substance is not subject to IMO IMDG code

Packaging requirements: No

Marine pollutant: No

Air transport information (IATA)

Hazard identification: No

Suggestion according to IATA DGR: The substance is not subject to IATA DGR

Packaging requirements: No

15. REGULATORY INFORMATION**Chinese Regulatory Information**

GB13690-2009	General rule for classification and hazard communication of chemicals
GB 15258-2009	General rules for preparation of precautionary label for chemicals
GB/T16483-2008	Safety data sheet for chemical products content and order of sections
GB 30000	Rules for classification and labelling of chemicals
GB/T17519-2013	Guidance on the compilation of safety data sheet for chemical products

16. OTHER INFORMATION

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