

Certified to ISO 9001 & ISO 14001



Component	CAS-No.	Concentration
Polyester	68238-77-7	75-95%
Aluminum powder	7429-90-5	1-15%

4. FIRST AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, have trained person administer oxygen. If breathing stops, have trained person administer artificial respiration and seek medical attention immediately.

Skin contact: Wash thoroughly with soap and water. Continue to wash for 10 minutes. If irritation persists, seek medical attention.

Eye contact: Immediately flush with water for at least 15 minutes. Check for and remove any contact lenses. If irritation persists, seek medical attention.

Ingestion: Wash mouth out with water. Remove dentures if any. If large quantities are ingested, seek medical advice to determine the best course of action. Do not induce vomiting. Toxic by ingestion. Can cause effects on the male reproductive system.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Specific hazards during firefighting: None.

Special protective equipment for fire-fighters: Wear full protective clothing and self-contained breathing apparatus.

Special protective equipment for firefighters: Wear self-contained air breathing apparatus and protective clothing to avoid direct contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Protective equipment must be worn.

Environmental precautions: None.

Methods for cleaning up: Do not create a powder cloud by using a brush or compressed air. Remove all sources of ignition. Contain and collect spillage with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations

7. Handling and storage

Handling:

No special handling advice required. Avoid direct contact with skin and eyes and inhalation.

Storage:

Storage conditions: Store in cool and keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures:



Exposure limit(s)

- PEL-TWA/ PEL-STEL/ PEL-C:
- Biological indicators: None.

Personal protective equipment:

- Respiratory protection: Wear protective masks.
- Hand protection: For prolonged or repeated contact use protective gloves. Materials: rubber, plastic.
- Eye protection: Use chemical splash goggles (ANSI Z87.1 or approved equivalent).
- Skin and body protection: Wear appropriate protective clothes.

Hygiene measures: Smoking and consuming are strictly prohibited in the workplace. Handle in accordance with good industrial hygiene and safety practice.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Fine powder	Odor	Odorless
Olfactory threshold	None	Melting point	>60 °C
pH	Not applicable	Boiling point/ range	Not applicable
Flammability	Not applicable	Flash point	370°C (698°F)
Decomposition temperature	Not applicable	Testing method	Open cup Close cup
Auto-ignition temperature	Not applicable	Explosion limit	None
Vapor pressure	None	Vapor density	None
Density (water=1)	1.15~1.8g/ cm ³	Solubility	Insoluble in water
Octanol-Water Partition Coefficient (log Kow)	None	Volatilization rate	None

NOTE: The physical data presented above are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Stability	Stable at ordinary temperature.
Possible hazardous reactions under special conditions	None.
Conditions to avoid	None.
Materials to avoid	None.
Hazardous decomposition products	None.

11. TOXICOLOGICAL INFORMATION

Exposure route	None.
Symptoms	None.
Acute toxicity	None.
Chronic or long-term toxicity	None.



12. ECOLOGICAL INFORMATION

Ecotoxicity	None.
Persistence and degradability	Not detected.
Bioaccumulation	Not detected.
Soil mobility	Not detected.
Other negative effects	Possible environmental impact, almost insoluble in water when released into water.

13. DISPOSAL CONSIDERATIONS

Disposal method: For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

IATA/ICAO: None.

IMDG CODE: None.

Domestic regulations for transport: Please comply with traffic rules.

Be sure to keep the product packed when shipping.

Marine pollutants: None.

Special shipping methods and precautions: None.

15. REGULATORY INFORMATION

Applicable regulations	Dust Hazard Work Standard Traffic Safety Regulation Regulation of Labelling and Hazard Communication of Hazardous Chemicals Occupational Safety and Health Facilities Rule
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16. OTHER INFORMATION

Reference	Product correlation data
Maker unit	Company name: KWO LIN CO., LTD.
	Address: No. 19, Gongye 15th Rd., Taiping Dist., Taichung City 411, Taiwan (R.O.C.)
Telephone	+8864-22716619
Maker	Name: Chen Ching Fu
Preparing Note	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.



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