

Safety Data Sheet

According to EC Directive 91/155/EEC

Date of Issue: 25.02.2011

1. Identification of the Substance/Preparation and of the Company/Undertaking

Identification of the Product

Product name: KTL001-360 Silver

Company/ Undertaking Identification

Manufacturer: Kolortek Co., Ltd.

No. 27, Haikou Road, Huaian, Jiangsu, China

Tel: +86-517-83797527 Fax: +86-517-83797529

2. Composition/Information on Ingredients

COMPONENTS	WEIGHT%	CI No.	CAS No.
PolyethyleneTerephthalate	90.0-95.0%		25038-59-9
Aluminium	0.4-0.8%	77000	7429-90-5
Iron Oxide	0.50-1.30%		1309-37-1

3. Hazards Identification

No hazardous product as specified in Directive 67/548/EEC

4. First Aid Measures

After inhalation (large amounts of dusts): Fresh air. (Consult doctor in the event of any complaints.)

After skin contact: Wash off with water.

After eye contact: Rinse out with water.

After swallowing (large amounts): Consult doctor if feeling unwell.

5. Fire-fighting Measures

Suitable extinguishing media:

In adaption to materials stored in the immediate neighbourhood.

Special risks:

Non-combustible. Ambient fire may liberate hazardous vapours.

Special protective equipment for fire fighting:

Do not stay in dangerous zone without self-contained breathing apparatus.

6. Accidental Release Measures

Person-related precautionary measures:

Avoid inhalation of dusts.

Procedures for cleaning/absorption:

Take up dry. Forward for disposal. Clean up affected area. Avoid generation of dusts.

7. Handling and Storage

Handling: No further requirements

Storage: Tightly closed. Dry.

Storage temperature: No restrictions.

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8. Exposure Controls/Personal Protection

Personal protective equipment:

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Respiratory protection:	Required when dusts are generated.
Eye protection:	Required.
Hand protection:	Not required.
Industrial hygiene:	Wash hands after working with substance.

9. Physical and Chemical Properties

	Solid particlesForm:	
	VariousColor:	
	OdourlessOdour:	
Ph value:	(20°C)At 100g/l H ₂ O	
Melting point		6-8(slurry) 260 to 290°C-Depending on the crystallinity of the polyester Can not be measured as decomposition occurs first > 300°C
Boiling point		not self-igniting
Ignition temperature		not available
Self-ignition point		
Explosion limits		
Density		1.4g/cm ³
Apparent density		0.4-0.8kg/dm ³
Vapour pressure		To be disregarded
Solubility in water		almost insoluble
Particle size		different sizes available

10. Stability and Reactivity

It is recommended to carry out a trial run prior to processing the product.

10.1 Conditions to be avoided: Pyrolysis, dangerous decomposition products and dangerous reactions will not occur if the product is used as intended.

10.2 Substances to be avoided: Potend acids, bases and oxidation agents.

10.3 Hazardous decomposition products: Aldehyde, carbon monoxide, carbon dioxide, hydrocarbons.

Further information:None

11. Toxicological Information

There is no toxicological data available.

According to our knowledge, the product does not cause any health defects, if proper handled and the product has been applied as intended.

The contact with the melted product can cause burn wounds, the inhalation of dust and decomposition gases can cause health defects.

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12. Ecological Information

Ecotoxic effects:

Quantitative data on the ecological effect of this product are not available.

Further ecologic data:

No ecological problems are to be expected when the product is handled and used with due care and attention.

13. Disposal Considerations

Product:

Chemicals must be disposed of in compliance with the respective national regulations.

Packaging:

Gelite product packaging must be disposed of in compliance with the country-specific regulations or must be passed to a packaging return system.

14. Transport Information

The substance is not subject to transport regulations.

The goods are packaged according to the packaging requirement of ordinary goods.

15. Regulatory Information

Labeling according to EC Directives

Symbol

R- phrases

S-phrases

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Do not breathe dust

16. Other Information

Reason for alteration:

Specific control parameter.

Toxicological information:

General update.

Regional representation:

This information is given on the authorised Safety Data Sheet for your country.