

Material Safety Data Sheet



Revision: Dec.01.2023
Printing Date: Dec.01.2023

RL 680TP

1. Name of the Substance / Preparation and Company

Trade Name:

RL 680TP

Usage:

PVC additive

Company Name:

SHANGHAI RALLYCHEM CHEMICALS CO., LTD

ADD: 17F CHANG'AN BUILDING, 1001 CHANG'AN ROAD, JING'AN, SHANGHAI, CHINA

TEL: +86-21-63537171

FAX: +86-21-63173060

Emergency Information:

China (National Registration Center for Chemicals): +86-532-83786201

2. Hazards Identification of the Product

This product does not require labeling in terms of preparation guideline 1999/45/EC.

Not special remarkable hazards known.

3. Composition / Information on Ingredients

Component	Solid Content (%)	Symbol / R-phrases
Low-Density Oxidized Polyethylene Homopolymer	100	— [CH ₂ — CH ₂] —COOH

4. First-aid Measures

FIRST AID MEASURES FOR ACCIDENTAL:

General information:

Change out of contaminated, saturated clothing.

Inhalation:

Not applicable.

Skin contact:

Wash off with soap and warm water. If skin irritation persists, seek medical advice.

Eye contact:

Rinse immediately with plenty of water and seek medical advice.

Ingestion:

Do not induce vomiting. Rinse out mouth and then drink

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Advice to doctor:

plenty of water. Seek medical advice immediately.
Treat symptomatically.

5. Fire-fighting Measures

Suitable extinguishing media:

Powder, alcohol-resistant foam, carbon dioxide, sand.

Extinguishing media that must not be used:

No information available.

Special protective equipment for firefighting:

Use goggles in combination with dust mask, and another protections as appropriate to situation.

Additional information:

Keep away from sources of ignition and use appropriate extinguishing media. Fight fire from upwind position if possible.

6. Accidental Release Measures

Personal precautions:

Use mask, goggles and protective gloves. Ensure adequate ventilation. Large spills: Remove person to safety. Treat from upwind position.

Environmental precautions:

Prevent spread over a wide area (eg, by containment).
Do not allow to enter drains / surface waters / groundwater.

Methods for cleaning up / taking up:

Collect spills in suitable containers and dispose of them in safe area.

7. Handling and Storage

Hints for safe handling:

Put on appropriate personal protective equipment. Avoid contact with eyes, skin, and clothing. Avoid breathing vapors or dusts. Use only with adequate ventilation. Store in a dry, cool, dark and well ventilated area. Keep away from incompatibles. Keep container tightly closed and dry.

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Hints for protection against fire and explosion:	No special measures necessary.
Hints on storage assembly:	None.
Further information on storage conditions:	Keep container tightly closed and store in a cool well-ventilated place.
Storage class:	Not applicable.

8. Exposure Controls / Personal Protection

Exposure controls:	Respiratory protection: Not necessary.
Hand protection:	Chemical resistance, impervious glove complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this necessary.
Eye protection:	Safety glasses.
Skin protect :	Wear suitable protective clothing.
Additional advice on system design:	Not relevant.
Components with occupational exposure limits to be mentioned:	
Respiratory protection:	Not applicable.
Hand protection:	Protective glove.
Eye protection:	Safety glasses.
Skin protection:	Not applicable.
General protective measures:	Avoid contact with skin and eyes.
Hygiene measures:	Wash hands before breaks and on finishing work.

9. Physical and Chemical Properties

Physical state:	Powder
Colour:	White
Odour:	Characteristic
Flash point °C:	Not applicable
Flammability:	-
Lower explosion limit:	-
Upper explosion limit:	-
Density (g/cm³):	0.92-0.95

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Partition coefficient n-octanol / water:	-
Viscosity:	150-250 cps
Relative vapour density:	Not relevant
Melting point:	105-108 °C
Auto ignition temperature:	-

10. Stability and Reactivity

Hazardous reactions:	No hazardous reactions known.
Hazardous decomposition products:	No hazardous decomposition products known,

11. Toxicological Information

Acute oral toxicity:	LD50 rat: > 5,000 mg/kg Remarks: Low toxicity
Acute dermal toxicity:	LD50 Rabbit > 5000 mg/kg Remarks: Low toxicity
Acute inhalational toxicity:	LC 50 Rat: > 5 mg/l Remarks: Low toxicity
Irritant effect on eye:	-
Sensitization / Validation:	-
Chronic toxicity / Validation:	-
Mutagenicity / Validation:	-
Reproduction toxicity / Validation:	-
Carcinogenicity / Validation:	-
Experiences made in practice:	None
General remarks:	No toxicological data is available. No classification on the basis of the calculation procedure of the preparation directive 199/45/EC.

12. Ecological Information

Ecotoxicity:	No information available.
Persistence and degradation:	Product will not pollute the effluent, provided is processed correctly.
Other adverse effects (ODP, AOX):	No hazardous components.

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Other hints: Do not discharge product into the environment without control.

Contains compounds of 76/464/EC: Not applicable.

13. Disposal Considerations

Disposal / Waste (product): Sent to a physico-chemical treatment facility in compliance with the official regulation.

Disposal / Contaminated packages: Non-contaminated packages may be recycled.

14. Transport Information

ADR:

Dangerous Goods Declaration: Not classified as Dangerous Goods.

Labeling:

Hazard-no:

Label:

ADR-Conditions for limited quantities (LQ):

Dangerous Goods Declaration: Not classified as Dangerous Goods.

Labeling:

Label:

Inner packing max:

Total gross mass of a package:

IMDG-condition for limited quantities (LQ):

Dangerous Goods Declaration : Not classified as Dangerous Goods.

Labeling:

Label:

Inner packing max:

Total gross mass of a package:

LATA code: Not classified as Dangerous Goods.

Dangerous Goods Declaration:

Labeling:

Label:

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15. Regulations - Classification and Identification

Labeling:	The product does not require labeling in terms of the EC directives.
Hazard symbols:	
Special provisions concerning labeling of certain preparation:	Not applicable.
National regulation:	
Water hazard class:	1 (classification according VwVwS Annex 4)

16. Other Information

R-Phrases (Component)	22 Harmful if swallowed 41 Risk of serious damage to eyes
Regulatory information:	91/155/EWG (2002/58/EG) 67/548/EWG (2001/59/EG) 1999/45/ (2001/60/EG) 89/542 ADR (23.07.01) LMDG-Code (30 Amdt) LATA-DGR (2002) Classification according to VbF Water hazard class
Modified position:	-

END OF SAFETY DATA SHEET