



MATERIAL SAFETY DATA SHEET (MSDS)

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Applicant Name : Foshan Shunde District Xin Lang Coatings Technology Co., Ltd.
Applicant Address : No.11, First Street, Tonghui Road, Daliang Street, Shunde District,
Foshan City
Product Name : Cross-linking agent
Report No. : RT201806022003
Received Date : 2018-6-21
Redact Period : 2018-6-21 to 2018-6-22
Regulatory Requirements : As requested by the applicant, the Material Safety Data Sheet is prepared according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS)Rev_6.

RTTS TESTING SERVICE Co., Ltd.

Date: 2018-6-22



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SECTION 1. Identification of the substance/preparation and company

- 1.1 Product Identification** : Cross-linking agent
- 1.2 Model No.** : R101
- 1.3 Recommended Use** : /
- 1.4 Applicant Name** : Foshan Shunde District Xin Lang Coatings Technology Co., Ltd.
- 1.5 Applicant Address** : No.11, First Street, Tonghui Road, Daliang Street, Shunde District,
Foshan City
- 1.6 Manufacturer Name** : Foshan Shunde District Xin Lang Coatings Technology Co., Ltd.
- 1.7 Manufacturer Address** : No.11, First Street, Tonghui Road, Daliang Street, Shunde District,
Foshan City
- 1.8 Tel / Fax** : 18948981668
- 1.9 Email** : /
- 1.10 Emergency Phone** : /

SECTION 2. Hazards identifications

2.1 Hazard Class (GHS) :

Serious eye damage/eye irritation category 2A

2.2 Pictograms:



2.3 Signal word:

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Warning

2.4 Hazard description:

H319:Causes serious eye irritation

2.5 Precautionary description:

P210:Keep away from heat, hot surfaces, sparks,open flames and other ignition sources.

P261:Avoid breathing dust/fume/gas/mist/vapours/spray.

P264:Wash ... thoroughly after handling.

P280:Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 3. Composition / information on ingredients

The difference between the single product and mixture: Single

Substance name	Conc. (%)	CAS.
Hectorite (clay mineral)	100	12173-47-6

SECTION 4. First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (SDS) to the doctor in attendance.

4.1 Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call consult a doctor if feeling uncomfortable.

4.2 Following skin contact:

Wash with soap and water. If you feel unwell, consult a doctor.

4.3 Following inhalation:

Move victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Seek medical attention immediately.

4.4 Following ingestion:

If it is ingested, rinse the mouth with water.

Do not induce vomiting. Never give anything by mouth to an unconscious person. Immediately call

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consult a physician if feeling uncomfortable.

SECTION 5. Firefighting measures

5.1 Hazardous Characteristics:

Not considered to be a fire hazard. Not easily ignited by fire.

5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

5.3 Firefighting procedures:

As in any fire, wear self-contained breathing apparatus (MSHA/NIOSH approved or equivalent) and full protective gear.

Extinguish fire in a safe distance with enough protection

Prevent fire extinguishing water from contaminating surface water or the ground water system.

5.4 Hazardous combustion products:

None.

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contacting with eye.

Clear all fire points.

Evacuate personnel to safe areas. Keep people away from upwind of spill/leak.

Wear appropriate protective measures (SEE SECTION 8).

6.2 Environmental precautions:

This product has no hazard to the environment. Don't discard in the surrounding environment without government permission.

6.3 Cleaning method:

Remove by vacuum cleaner. Avoid dust. Disposal of discarded waste/pollutants refer to SECTION 13.

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SECTION 7. Safe handling and storage

7.1 Handling Notes:

Keep away from fire and heat sources.

Keep indoor ventilation or local exhaust device.

Stay away from heat and direct sunlight.

7.2 Storage Notes:

Keep away from fire and heat sources.

Store in a well-ventilated place. Keep cool.

Stored in compatible containers.

Keep storage containers sealed.

Do not store with incompatible material (see section 10.2)

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

No information found

8.2 Engineering Control:

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of localexhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ensure that eyewash stations and safety showers are proximal to the work-station location.

8.3 Respiratory Protection:

Wear filter mask.

If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

8.4 Eyes Protection:

Wear protective goggle in working time.(Comply with the European Union EN 166 or The U.S. NIOSH standard.)If contacting with eyes, flush with plenty of water, If you have discomfort, seek medical advice

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8.5 Hands Protection:

Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.

8.6 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

SECTION 9. Physical and chemical properties

Appearance and Color	White powder
Odour	Odorless
PH value	7-9.5
Flammability	Non flammable
Density(g/cm³)	No Data
Relative steam density (air = 1)	No Data
Vapor pressure(MPa)	No Data
Octanol/water partition coefficient	No Data
Viscosity (mPa/s)	No Data
Flash point(°C,Closed cup)	No Data
Boiling point(°C)	3600
Freezing point (°C)	2800
Evaporation rate (kg/s)	No Data
UEL %(V/V)	No Data
LEL %(V/V)	No Data
Auto-ignition temperature(°C)	No Data
Decomposition temperature(°C)	No Data
Solubility	Soluble in water

SECTION 10. Stability and reactivity

10.1 Stability:

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Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding:

Strong oxide, acid and alkali.

10.3 Contact conditions for avoiding:

Fire,high temperature.

10.4 Hazardous decomposition products

None

SECTION 11. Toxicological information

11.1 Acute toxicity:

No information found.

11.2 Skin corrosion/irritation:

No information found.

11.3 Serious eye damage/irritation:

Dust exposure to the eyes can cause irritation

11.4 Respiratory or skin sensitisation:

Inhalation of dust can cause respiratory irritation

11.5 Germ cell mutagenicity:

No information found.

11.6 Carcinogenicity:

No information found.

11.7 Reproductive toxicity:

No information found.

11.8 STOT-single exposure:

No information found.

11.9 STOT-repeated exposure:

No information found.

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11.10 Aspiration hazard.:

No information found.

SECTION 12. Ecological information

12.1 Ecotoxicity:

This product does not contain special materials. According to the environmental protection laws, this product can't be poured into sewers or drainage ditches, can't be discarded in those places which would affect soil and underground water..

12.2 Persistence and degradability:

No data available.

12.3 Bioaccumulative potential:

No data available.

12.4 Mobility in soil:

No data available.

12.5 Other adverse effects:

No data available

SECTION 13. Disposal considerations

13.1 Handling method for waste:

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

13.2 Handling method for uncleaned packaging

According to official regulations.

SECTION 14. Transport information

14.1 UN NO.: Not classified

14.2 Class: Not classified

14.3 Packaging group: Not classified

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14.4 Technical name: Not classified

14.5 Label: Not classified.(Prohibition with antioxidant and food chemical mixed stowage,transit should prevent sun、 fire、 rain and high temperature.)

14.6 Attention Notes: Gentle with, prevent collision drag and dump.This is not classified as a hazardous/dangerous material under IATA, IMDG,DOT regulations.

SECTION 15. Regulatory information

Hazardous chemicals catalog

International maritime dangerous goods code

Dangerous Goods Number Of United Nations

Technical Instructions for the Safe Transport of Dangerous Goods by Air

Classification and code of dangerous goods

Occupational Safety and Health Act (OSHA)

The principle of classification of transport packaging groups of dangerous goods

Globally Harmonized System of Classification and Labelling of Chemicals

In accordance with all local laws.

SECTION 16. Other information

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