

Safety Data Sheet

Product name: Methyl MQ Silicone Resin

Product code: XJY-8205

First Issuing Date: 2017/12/28

Version: 3.1

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product name: Trimethylsiloxysilicate (Methyl MQ Silicone Resin)

Company name: Jiangxi New Jiayi New Materials Co. Ltd

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Recommended use of the : Industry use

chemical and restrictions

2. HAZARD(S) IDENTIFICATION

Summary of emergency

Hazard Classification: According to the globally harmonized system of classification and labelling of chemicals (GHS) classification this product is not hazardous chemical.

Label elements

Symbol : Ineffective

Signal word: Ineffective

Hazard Risk Statement: Not hazardous

Precautionary Statement: Do not breathe dust.

Avoid eyes contact..

Use only outdoors or in a well-ventilated area.

If contact with eyes rinse cautiously with water for several minutes. Remove contact lenses(if present and easy to do).

Continue rinsing.

Precautionary measure: No more information

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pure substance/mixture: 100% SILANOL-TRIMETHYLSILYL MODIFIED Q RESIN

Chemical nature: Silicone resin.

Chemical Name: SILANOL-TRIMETHYLSILYL MODIFIED Q RESIN/MQresin

| Ingredients | % (w/w) | CAS NO. |
|---|----------------|----------------|
| (Silicic acid, sodium salt, reaction products with chlorotrimethylsilane and iso-Pr alc.) | 100% | 68988-56-7 |

4. FIRST AID MEASURES

First aid

Skin contact: Remove/Take off immediately all contaminated clothing. Rinse skin thoroughly with running water.

Eyes contact: Immediately filed a eyelid, with plenty of running water or saline thoroughly flushed 10 ~ 15 minutes. If there is any discomfort, go to a doctor.

Inhalation: If inhaled, move patient to fresh air and go to a doctor.

Ingestion: Drink enough warm water, vomiting, seek medical attention.

Important Symptoms and: No significant adverse effects from normal use.

Hazard effects

Personal Protection for First Aid or Rescue Personnel:

Respiratory protection: Use a self-contained breathing apparatus (SCBA) or other supplied-air respirator.

Eye protection: Use a full face respirator.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing: Use dry power, foam, carbon dioxide fire extinguishers.
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Particularly dangerous features

Static electricity may accumulate and ignite suspended dust, causing an explosion. And make the container or equipment parallel-earthing correctly. Also refer to standards that describe appropriate explosion prevention practices.

Fire extinguishing measures and precautions:

Special Fire Fighting Procedures: Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

Special protective: Self-contained breathing apparatus and protective clothing equipment for the Firefighters should be worn in fighting large fires involving chemicals.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Remove the ignition source to keep personnel away from the area
protective equipment and Wear correct protective equipment when working and
emergency procedures: wash with soap and water to prevent dust.

Environmental Precautions: Collect spillage, avoid polluting the environment.

Do not empty into water, drains, basement or enclosed space.

Leaking chemicals asylum, removal method and the disposal of used materials:

Remove possible ignition sources. Determine whether to evacuate or isolate the area according to your local emergency plan. Sweep, mop or wipe up and contain for salvage or disposal. Fine powders may require special vacuum filters; damp mopping or washing is preferred. Laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in cleanup of releases. You will need to determine which laws and regulations are applicable.

7. HANDLING AND STORAGE

Handling Precautions: Use with adequate ventilation. Use proper ventilation and good housekeeping procedures to avoid accumulation of dust that can form ignitable dust/air mixtures. See other sections in this MSDS for ventilation and inhalation protection recommendations and for usual fire and explosion hazards. Avoid eye contact. Keep container closed. Do not internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

Storage precautions: Keep containers tightly sealed.

Store in cool, dry place in tightly closed containers.

Store away from oxidizing agents.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Industrial Hygiene Standards:

Monitoring method : No data available

Engineering Controls: No data available

Monitoring method:

Local Ventilation: Recommended.

General Ventilation: Recommended.

Personal Protective Equipment

Respiratory protection:

Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. IH personnel can assist in judging the adequacy of existing engineering controls.

Eyes protection : If necessary, wearing chemical protective safety glasses.

Skin and body protection: Wash at mealtime and end of shift.

Hand protection: Chemical protective gloves should be worn.

Other protection: Smoking, eating and drinking are prohibited at the job site. After work, take a shower. Maintain good hygiene practices.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: White powder
Color: White
Odor : Not determined.
pH : about 7
Melting Point : No data.
Boiling point/range: No data.
Flash Point: >100°C Closed-cup test method.
Ignition point: No data.
Luminous temperature: 300 °C
Explosive Limit: 31g/m3.
Vapor Pressure @ 25°C: No data.
Vapor Density (air=1) : No data.
Specific Gravity: 1.20-1.30g/cm3

Bulk density: 0.25-0.35g/cm³

Water Solubility: No data.

Partition Coefficient

(n-Octanol/Water) : No data.

Autoignition temperature : No data.

Decomposition

Temperature : No data.

Odor Threshold: No data.

Evaporation Rate : No data.

Flammability (Solid, Gas) : Not applicable.

10. STABILITY AND REACTIVITY

Stability: Stored and used under normal ambient temperature, the product is stable.

Possibility of Hazardous reactions: No data available. Note: Material is stable under normal conditions.

Conditions to Avoid : None.

Materials to Avoid : Can react with strong oxidizing agents.

Hazardous decomposition products : Carbon oxides and carbon compounds, metal oxides formaldehyde, silica, silicon dioxide formaldehyde.

11. TOXICOLOGICAL INFORMATION

Potential contacting route: Skin contacting, Eyes contacting, Inhalation and Ingestion.

Signs and Symptoms: No significant adverse effects from normal use.

of Overexposure

Acute Toxicity:

Skin corrosion/irritation : Direct contact may cause temporary redness and discomfort.

Serious eye Damage/irritation: No significant irritation expected from a single short-term exposure.

Ingestion: Low ingestion hazard in normal use.

Inhalation: Dust may irritate nose and throat.

Chronic Toxicity

Skin corrosion/irritation: No data available.

Ingestion: No date available.
Inhalation: No known applicable information.
Other Health Hazard Information: No known applicable information.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not determined.
Persistence and Degradability: Not determined.
Bioconcentration or bioaccumulation: No bioaccumulation is predicted.
Mobility in Soil: This product is solid and does not contain a considerable concentration of water-soluble substances that may be filtered out of the product, so it is not harmful to the organism.
Additional Environmental hazardous effects: No specific information is available.
Other hazardous effects: No data available

13. DISPOSAL CONSIDERATIONS

Waste chemicals: It dispose in accordance with local regulations.
Contaminated packaging: It dispose of as unused product.

14. TRANSPORT INFORMATION

Road and Rail Transport: Not applicable.
Sea Transport(IMDG) : No subject to IMDG code.
Air Transport(IATA) : No subject to IATA code.

15. REGULATORY INFORMATION

Applicable Laws:

EINECS: All are ingredients listed or exempted.
TSCA: All chemicals in this article are included in the TSCA inventory of chemical substances or to obtain exemption from TSCA inventory of chemical substances.
AICS : All ingredients are listed or exempted.XJY-8205S
IECSC: All ingredients are listed or exempted.
ENCS/ISHL : All components are listed on ENCS/ISHL or its exempt rule.

KECL : All ingredients are listed, exempted or notified.

PICCS: All ingredients are listed or exempted.

DSL : All chemicals in this article are included in the DSL list of chemicals or get the DSL list of exemptions for chemical substances.

HSNO: No data available

TCSI: All are ingredients listed or exempted.

16. OTHER INFORMATION

Disclaimer: the above data is a general data of product and cannot be used as the product's technical standards. Meet industry health and safety operating procedures. Specific use, users must do analysis according to specific uses of the product, and make sure it works for you