



成都拓利化工实业有限公司
ChengDu Taly Chemical Industrial Co., Ltd
Material Safety Data Sheet (MSDS)

1 IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

- 1.1 **Product Name:** TLD-716
1.2 **Manufacturer's Product Code::** --
1.3 **Chemical Classification::** Silicone elastomer
1.4 **Company Details::**

Manufacturer/Supplier: Chengdu TALY Chemical Industrial CO., Ltd.
Address: No 247, Donghang road, Longquanyi region, Chengdu city, China.
Telephone Number:: 028-88431945, 88430417

2 HAZARDS IDENTIFICATION

- 2.1 **Hazard Classification:**
Skin corrosion/irritation: Category 3
Serious eye damage/eye irritation: Category 2A

2.2 **Label Elements Including Precautionary Statements**

Symbol:



Signal Word: Warning

Hazard Risk Statement:

Causes mild skin irritation.
Causes serious eye irritation.

Precautionary Statement:

Wear eye/face protection.
Wash hands thoroughly after handling.
Use only outdoors or in a well-ventilated area.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF ON SKIN: Wash with plenty of soap and water.
If eye irritation persists, get medical advice/attention.
If skin irritation occurs, get medical advice/attention.

- 2.3 **Other Hazard:** None known.

3 COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 **Chemical characterization:** Mixture
3.2 **Physical Form:** Liquid
3.3 **Color:** blank



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3.4 Ingredients

Chemical Name	CAS No.	% (w/w)
Dimethyl hydroxy-terminated silicone	63148-60-7	55-65%
Silica	7631-86-9	20~38%
Methyltris(methylethylketoximino)silane	22984-54-9	3~7%
Vinyltris(methylethylketoxime)Silane	2224-33-1	3~7%

3.5 Usage: Used in electronic equipment and apparatus as sealant and adhesive

3.6 Hazardous Goods: Chemical name—Methyltris(methylethylketoxime)silane,
Vinyltris(methylethylketoxime)Silane

4 FIRST AID MEASURES

- 4.1 **Eyes:** Immediately flush with water for 15 minutes, Get medical attention.
4.2 **Skin:** wash with soap and water..
4.3 **Inhalation:** Remove to fresh air. Get medical attention if ill effects persist.
4.4 **Ingestion:** Get medical attention.
4.5 **Comments:** Treat symptomatically.
4.6 **Note to physicians:** Treat symptomatically. For further information, the medical practitioner should contact us.

5 FIRE FIGHTING MEASURES

- 5.1 **Flammability:** Flammable.
5.2 **Flash Point:** Not determined.
5.3 **Autoignition temperature:** Not determined.
5.4 **Lower Flammability Limit:** Not determined.
5.5 **Upper Flammability Limit:** Not determined.
5.6 **Hazardous Properties:** Highly flammable.
5.7 **Extinguishing Media:** On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide(CO₂), dry chemical or water spray. Water can be used to cool fire exposed containers
5.8 **Special Fire Fighting Procedures and Equipment:**
Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals.
5.9 **Hazardous Combustion Products:**
Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Nitrogen oxides. Formaldehyde. Metal oxides.
5.10 **Unsuitable Extinguishing Media:** None established

6 ACCIDENTAL RELEASE MEASURES

- 6.1 **Personal Precautions:** Avoid eye contact. Do not take internally.
6.2 **Environmental Precautions:** Do not allow to enter drains or surface waters.
6.3 **Methods for Cleaning up:** Collect and contain for salvage or disposal. Laws and regulations may apply



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to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which laws and regulations are applicable.

7 HANDLING AND STORAGE

7.1 Handling Precautions:

Use with adequate ventilation. Avoid eye contact. Do not take internally. Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

7.2 Storage Conditions:

Product evolves minute quantities of flammable hydrogen gas which can accumulate. Adequately ventilate to maintain vapors well below flammability limits and exposure guidelines. Do not repackage. Do not store in glass containers which may shatter due to pressure build up. Clogged container vents may increase pressure build up. Keep container closed and store away from water or moisture.

7.3 Unsuitable Packaging Materials:

None established.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Industrial Hygiene Standards:

Chemical Name	CAS No.	Percentage
Methyltris(methylethylketoximino)silane	22984-54-9	3~7%
Vinyltris(methylethylketoxime)Silane	2224-33-1	3~7%

Ethyl methyl ketoxime is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within the following exposure guidelines: Vendor guide TWA: 3 ppm, STEL: 10 ppm.

8.2 Engineering Controls

Local Ventilation: Recommended.

General Ventilation: Recommended.

8.3 Personal Protective Equipment for Routine Handling

Respiratory protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.

Suitable Respirator: Organic Vapor Type.

Eye protection: Use proper protection - safety glasses.

Hand protection: Chemical protective gloves should be worn.

Skin protection: Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

Hygiene Measures: Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking.

8.4 Personal Protective Equipment for Spills



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Respiratory protection: Use self-contained breathing apparatus or other supplied-air respirator.

Eye protection: Use proper protection - safety glasses as a minimum.

Skin protection: Wash at mealtime and end of shift.

Precautionary Measures: Do not take internally. Use reasonable care.

Note: These precautions are for room temperature handling. Use at elevated temperature or aerosol/spray applications may require added precautions.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Form: Viscous Liquid.

9.2 Color: blank

9.3 Odor: Strong odor.

9.4 Boiling Point: Not determined.

9.5 Melting Point: Not determined.

9.6 Flash Point: Not determined.

9.7 Autoignition temperature: Not determined.

9.8 Specific Gravity (g/cm^3): $1.25 \pm 0.05 \text{g/cm}^3$

9.9 Vapour Density (air=1): Not determined.

9.10 Octanol/water partition coefficient: Not determined.

The above information is not intended for use in preparing product specifications. Contact TALY before writing specifications.

10 STABILITY AND REACTIVITY

10.1 Stability: Stable.

10.2 Reactivity

Conditions to Avoid: None.

Materials to Avoid: Can react with strong oxidising agents.

Hazardous Decomposition Products:

Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide.

Nitrogen oxides. Formaldehyde. Metal oxides.

Hazardous Polymerization: Hazardous polymerization will not occur.

11 TOXICOLOGICAL INFORMATION

11.1 Possible Health Effects: Refer to Section 3.4

11.2 Sensitizing Effects: None known.

11.3 Mutagenic Effects: None known.

11.4 Reproductive Effects: None known.

11.5 Carcinogenic Effects: None known.

11.6 Other Health Hazard Information: No known applicable information



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12 ECOLOGICAL INFORMATION

12.1 Environmental Fate and Distribution:

Low potential to bioaccumulate.

12.2 Environmental Effects:

No adverse effects on aquatic organisms are predicted

12.3 Fate and Effects in Waste Water Treatment Plants:

No adverse effects on bacteria are predicted. The siloxanes in this product do not contribute to the BOD.

12.4 Additional Environmental Information:

Degradation: The organic solvents in the product are biodegradable. In soil, siloxanes are degraded.

13 DISPOSAL CONSIDERATIONS

13.1 Product Disposal: Dispose of in accordance with local regulations.

13.2 Packaging Disposal: Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

14.1 Road and Rail Transport: Not applicable.

14.2 Sea Transport (IMDG): Not subject to IMDG code.

14.3 Air Transport (IATA): Not subject to IATA regulations.

15 REGULATORY INFORMATION

15.1 Applicable Laws:

Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace, particularly those relating to the safe use, production, storage and transportation of dangerous chemicals.

15.2 Chemical Inventories:

AICS: All ingredients listed or exempt.

IECSC: All ingredients listed or exempt.

EINECS: All ingredients listed or exempt.

KECL: All ingredients listed, exempt or notified.

16. OTHER INFORMATION

Contact Point:

TEL: 028-84878443

Prepared by: Chengdu TALY Chemical Industrial CO., Ltd.

This information is offered in good faith as typical values and not as a product specification.