



TRIANGLE DONGGUAN TRIANGLE NEW MATERIAL TECHNOLOGY CO.,LTD
Material Safety Data Sheet

ADD: Honghua Building, Xiangshi Road, Liaobu Town, Dongguan, Guangdong, China

Last Revision Date: 2018/02/11

Version No.: GHS 1.0

TEXTILE SCREEN PRINTING LIQUID SILICONE RUBBER

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

| | |
|-------------------------------------|--|
| 1.1 Product Name: | Liquid silicone rubber |
| 1.2 Product Code: | T-series |
| 1.3 Chemical Clarification: | Liquid Silicone rubber |
| 1.4 Recommend Product Usage: | Screen Printing Process |
| 1.5 Company Introduction: | |
| Manufacturer/Supplier: | DONGGUAN TRIANGLE NEW MATERTAL TECHNOLOGY CO.,LTD |
| Address: | Tianraobu Industry District, Hengli Town, Dongguan, Guangdong, China |
| Telephone Number: | 0086 18820619306 |
| Fax | |
| Contact: | Manager of environment, health and safety |

2. COMPOSITION / INFORMATION ON INGREDIENTS

| | |
|---------------------------------------|--|
| 2.1 Chemical Clarification: | Mixture |
| 2.2 Physical Appearance: | Paste |
| 2.3 Color: | Transparent |
| 2.4 Main Usage : | Textile screen printing |
| 2.5 Hazard Classification: | Not Hazardous |
| 2.6 Composition on Ingredients | |
| | Chemical Name CAS NO. % (W/W) |
| | Vinylmethyl siloxane 131298-48-1 80% |
| | homopolymer |
| | Fumed silica 112945-52-5 20% |
| | Chloroplatinic acid 16941-12-1 0.1% |

According to European Commission Directive 1999/45/EC (Article 3[3])

3. HAZARD IDENTIFICATION

| | |
|--|------|
| 3.1 Hazard Clarification: | None |
| 3.2 Label Elements Including Precautionary Statements | |



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| | |
|---------------------------------------|---|
| Symbol: | None |
| 3.3 Precautionary Statement: | Avoid contact with skin and eyes. |
| 3.4 Health Influence: | |
| <u>Emergency</u> | |
| Eyes: | Direct contact cause instant redness and uncomfortable eyes |
| Skin: | |
| Inhalation: | No serious effect within a period of time. |
| Ingestion: | No serious effect within a period of time. Only trace intake under ordinary situation. |
| <u>Chronic Influence</u> | |
| Skin: | |
| Inhalation: | Not Detected Not Detected |
| Ingestion: | Frequent and bulk ingestion cause inner harm. |
| 3.5 Frequent ingestion effect: | Single exposure cause no hazardous effect. |

4. First Aid Measures

| | |
|------------------------|--------------------------------|
| 4.1 Eyes: | Immediately flush with water. |
| 4.2 Skin: | No first aid should be needed. |
| 4.3 Inhalation: | No first aid should be needed. |
| 4.4 Oral: | Get medical attention. |
| 4.5 Comments: | Treat symptomatically. |

5. FIRE-FIGHTING MEASURES

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| 5.1 Suitable 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. |
| 5.2 Unsuitable Extinguishing Media: | None established. |
| 5.3 Specific Hazards: | None |
| 5.4 Special Fire Fighting | Determine the need to evacuate or isolate the |



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| Procedures: | area according to your local emergency plan. Use water spray to keep fire exposed containers cool. |
| 5.5 Special protective equipment for the Fire Fighters: | Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. |
| 5.6 Dangerous Features: | None |

6. ACCIDENTAL RELEASE MEASURES

| | |
|---------------------------------------|---|
| 6.1 Personal Precautions: | Avoid eye contact. Do not take internally. |
| 6.2 Environmental Precautions: | Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers |
| 6.3 Methods for Cleaning up: | Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protective equipment recommendations described in this MSDS. If diked material can be pumped, store recovered material in appropriate container. Clean up remaining materials from spill with suitable absorbant. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Laws and regulations may apply 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



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| 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: | Use reasonable care and store away from oxidizing materials. |
| 7.3 Unsuitable Packing Materials: | Not Established |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Engineering Controls

Local Ventilation: None should be needed.

General Ventilation: Recommended.

8.2 Personal Protective Equipment for Routine Handling

Respiratory protection: No respiratory protection should be needed.

Suitable Respirator: None should be needed.

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

Hand protection: No special protection needed.

Skin protection: Washing at mealtime and end of shift is adequate.

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

8.3 Personal Protective Equipment for Spills

Respiratory protection: No respiratory protection should be needed.

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

Skin protection: Washing at mealtime and end of shift is adequate.



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Precautionary Measures: Avoid eye contact. Do not take internally. Use reasonable care.

9. PHYSICAL AND CHEMICAL PROPERTIES

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|--|-----------------------|
| 9.1 Physical Form: | Viscous Paste |
| 9.2 Color: | Translucent white |
| 9.3 Odor: | Odorless |
| 9.4 pH: | Not determined. |
| 9.5 Melting Point: | Not determined. |
| 9.6 Boiling point/range: | > 100 °C |
| 9.7 Flash Point: | > 100 °C(Closed Cup) |
| 9.8 Explosive Limit: | Not determined. |
| 9.9 Vapor Pressure @ 25°C: | Not determined. |
| 9.10 Vapour Density (air=1): | Not determined. |
| 9.11 Specific Gravity: | 1.1 g/cm ³ |
| 9.12 Water Solubility: | Not determined. |
| 9.13 Partition Coefficient (n-Octanol/Water): | Not determined. |
| 9.14 Autoignition temperature: | Not determined. |
| 9.15 Decomposition Temperature : | Not determined. |
| 9.16 Odor Threshold: | Not determined. |
| 9.17 Evaporation Rate: | Not determined. |
| 9.18 Flammability (Solid, Gas): | Not applicable. |

*The above information is not intended for use in preparing product specifications.
Contact DONGGUAN DESHARE NEW MATERIAL TECHNOLOGY CO.,LTD before
writing specifications.*

10. STABILITY AND REACTIVITY

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|---|--|
| 10.1 Stability: | Stable. |
| 10.2 Possibility of Hazardous Reactions: | Hazardous polymerization will not occur. |



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| 10.3 Conditions to Avoid: | None. |
| 10.4 Materials to Avoid: | Can react with strong oxidising agents. |
| 10.5 Hazardous Decomposition Products: | Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde. |
| Reactions: | Hazardous polymerization will not occur. |

11. TOXICOLOGICAL INFORMATION

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|---|---|
| 11.1 Route of Exposure: | Inhalation, skin contact and accidental ingestion. |
| 11.2 Signs and Symptoms of Overexposure: | No significant adverse effects from normal use. |
| Eyes: | Direct contact may cause temporary redness and discomfort. |
| Skin: | No significant irritation expected from a single short-term exposure. |
| Ingestion: | Low ingestion hazard in normal use. |
| Inhalation: | No significant effects expected from a single short-term exposure |
| 11.3 Chronic Toxicity | |
| Skin: | No known applicable information |
| Ingestion: | Repeated ingestion or swallowing large amounts may injure internally |
| Inhalation: | No known applicable information. |
| 11.4 Other Health Hazard Information: | No known applicable information. |

12. ECOLOGICAL INFORMATION

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| 12.1 Aquatic and Terrestrial Ecotoxicity | |
| Ecotoxicity Effects: | |



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| Acute: | No adverse effects on aquatic organisms. |
| Chronic: | No adverse effects on aquatic organisms. |
| Fate and Effects in Waste Water Treatment Plants: | No adverse effects on bacteria. Removed > 90% by binding onto sewage sludge. The siloxanes in this product do not contribute to the BOD. |
| 12.2 Persistence and Degradability | In soil, siloxanes are degraded. |
| Degradation: | |
| 12.3 Bioaccumulative Potential | |
| Bioaccumulation: | No bioaccumulation potential |
| 12.4 Mobility in Soil: | Siloxanes are removed from water by sedimentation or binding to sewage sludge. |
| 12.5 Additional Environmental Information: | Additional environmental information on the silicone component is available on request. |

13. DISPOSAL CONSIDERATIONS

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|---------------------------------|--|
| 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

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|--------------------------------------|----------------------------------|
| 14.1 Road and Rail Transport: | Not applicable. |
| 14.2 SEA TRANSPORT(IMDE) : | Not subject to IMDG code. |
| 14.3 AIR TRANSPORT(IATA): | Not subject to IATA regulations. |

15. REGULATORY INFORMATION

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| 15.1 Applicable Laws: | Provisions of the Regulations for the Safe Handling of Chemicals in the Workplace. General rule for classification and hazard communication |
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of chemicals [GB 13690-2009]

15.2 Chemical Inventories:

| | |
|---------|---|
| AICS: | All ingredients listed or exempt. |
| DSL: | All chemical substances in this material are included on or exempted from the DSL |
| IECSC: | All ingredients listed or exempt. |
| MITI: | All ingredients listed or exempt. |
| KECL: | All ingredients listed, exempt or notified. |
| EINECS: | All ingredients listed or exempt. |
| PICCS: | All ingredients listed or exempt. |
| TSCA: | All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances. |

16. OTHER INFORMATION

16.1 Contact Point: Technical Information Center (86 769) 81002085, 18128009319

16.2 Prepared by: DONGGUAN DESHARE NEW MATERIAL TECHNOLOGY CO.,LTD

Legend:

- No specific information available

This information is offered in good faith as typical values and not as a product specification. No warranty, expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable.

However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

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