# BTH-255 Material Safety Data Sheet (MSDS)

## 1.IDENTIFICATION

1.1Product identifiers
Trade name: Methyl diphenyl silicone oi 255
Generic Description: Silicone compound
Physical Form: Liquid
Color: Colorless to pale yellow.
Odor: Odorless
1.2 Company Identification
Company: Anhui Bitehai New Materials Co., LTD
Room: No.777, Ecological Avenue, east of Chuangye Avenue, Chemical Industry Concentration Zone, Yingshang Circular Economy Park, Huangqiao Town, Yingshang County, Fuyang City, Anhui Province
Email: postmaster@ahbth.ru
Tel: +86-13965566777

## 2.HAZARDS IDENTIFICATION

None present. This is not a hazardous material as defined in the OSHA Hazard Communication Standard.

## 3.COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture**:Substance
**Substance Name** :Methylphenylsiloxane
**CAS-No.** : 63148-58-3
**Hazardous Ingredients** :No

## 4.FIRST AID MEASURES

Eye: Immediately flush with water.
Skin: No first aid should be needed.
Inhalation: No first aid should be needed.
Oral: No first aid should be needed.
Comments: Treat symptomatically.

## 5.FIREFIGHTING MEASURES

Flash Point: > 300 °C
Autoignition Temperature: Not determined.
Flammability Limits in Air: Not determined.
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.
Fire Fighting Measures: Self-contained breathing apparatus and protective clothing should be worn in fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.
Unusual Fire Hazards: None.
Hazardous Decomposition Products
Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds. Silicon dioxide. Formaldehyde.

## 6.ACCIDENTAL RELEASE MEASURES

Containment/Clean up: Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. 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 some silicone 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. Local, state and federal 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 federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.
Note: See section 8 for Personal Protective Equipment for Spills.

## 7.HANDLING AND STORAGE

Use with adequate ventilation. None. Avoid eye contact.
Use reasonable care and store away from oxidizing materials.

## 8.EXPOSURE CONTROLS/PERSONAL PROTECTION

Component Exposure Limits
There are no components with workplace exposure limits.
Engineering Controls

Local Ventilation: None should be needed.
General Ventilation: Recommended.
Personal Protective Equipment for Routine Handling
Eyes: Use proper protection - safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Suitable Gloves: No special protection needed.
Inhalation: No respiratory protection should be needed.
Suitable Respirator: None should be needed.
Personal Protective Equipment for Spills
Eyes: Use proper protection - safety glasses as a minimum.
Skin: Washing at mealtime and end of shift is adequate.
Inhalation/Suitable Respirator: No respiratory protection should be needed.
Precautionary Measures: Avoid eye contact. Use reasonable care.
Comments: None
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

Physical Form: Liquid
Color: Colorless to pale yellow.
Odor: Odorless
Viscosity (cst, 25℃): 100~1500
relative density (25℃): 1.02~1.10
flash point (open cup) ℃: ≥300
freezing point (℃): ≤-40
refractive index (25℃): 1.4600~1.5500
Vapor Density: Not determined.
Solubility in Water: Insoluble
pH: Not determined.
Volatile Content: Not determined.

## 10.STABILITY AND REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: Hazardous polymerization will not occur.
Conditions to Avoid: None.
Materials to Avoid: Oxidizing material can cause a reaction.

## 11.TOXICOLOGICAL INFORMATION

Acute Toxicology Data / Component Toxicology Information: Complete information not yet available.
Special Hazard Information on Components: No known applicable information.

## 12.ECOLOGICAL INFORMATION

Environmental Fate and Distribution: Complete information is not yet available.
Environmental Effects: Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants: Complete information is not yet available.
Ecotoxicity Classification Criteria

| Hazard Parameters (LC50 or EC50) | High | Medium | Low |
|---|---|---|---|
| Acute Aquatic Toxicity (mg/L) | <=1 | >1 and <=100 | >100 |
| Acute Terrestrial Toxicity | <=100 | >100 and <= 2000 | >2000 |

This table is adapted from "Environmental Toxicology and Risk Assessment", ASTM STP 1179, p.34, 1993.
This table can be used to classify the ecotoxicity of this product when ecotoxicity data is listed above. Please read the other information presented in the section concerning the overall ecological safety of this material.

## 13.DISPOSAL CONSIDERATIONS

RCRA Hazard Class (40 CFR 261)
When a decision is made to discard this material, as received, is it classified as a hazardous waste? No
State or local laws may impose additional regulatory requirements regarding disposal.
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## 14.TRANSPORT INFORMATION

DOT Road Shipment Information (49 CFR 172.101)
Not subject to DOT.
Ocean Shipment (IMDG)
Not subject to IMDG code.
Air Shipment (IATA)
Not subject to IATA regulations.

## 15.REGULATORY INFORMATION

Contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200
TSCA Status: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.
EPA SARA Title III Chemical Listings
Section 302 Extremely Hazardous Substances: None.
Section 304 CERCLA Hazardous Substances: None.
Section 312 Hazard Class:

Acute: No
Chronic: No
Fire: No
Pressure: No
Reactive: No

## 16.OTHER INFORMATION

These data are offered in good faith as typical values and not as product specifications. No warranty, either 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.This information is based on available information and is for safety reference only.