

Zhejiang Java Specialty Chemicals Co., Ltd	File Name	SDSNo:Q/JH04-E119-2018	
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### 1. IDENTIFICATION OF THECOMPANY

Chinese name: 有机硅添加剂 GT-805

English name: Silicone Additive GT-805

Company name: Zhejiang Java Specialty Chemicals Co., Ltd

Add: Fengkeshan Village, Xiaoyue Town, Shangyu District Shaoxing City, Zhejiang, China.

Postcode: 312367

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Enterprise emergency telephone: +86-575-82536722

Emergency telephone: 120,119(China) Effective date: Jun., 2018

### 2. HAZARDS IDENTIFICATION

Risk category: Non-dangerous goods, no problem

Pathway: No problem.

Health hazard: No problem.

Environmental hazard: No problem.

Explosion danger: No problem

Other danger: Expose this product to hot-melt occasion may cause thermal burns

### 3. COMPOSITION/INFORMATION

Chemical compositions: UHMW polisiloxane and PA6(blend)

No.	Chemical name	CAS#	by weight %
1	Polysiloxane	9016-05-6	45-55
2	PA6	25038-54-4	45-55

Risk component

Chemical name: Octamethylcyclotetrasiloxane

CAS No: 556-67-2

wt.% <0.1

### 4. FIRST AID MEASURES

Skin contact: If contact with hot melt material, wash off immediately with plenty of water to

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cool down, do not remove any clothes or shoes on burns and get medical attention.

Eyes contact: If there is foreign body sensation in the eyes, wash with plenty water or get medical attention.

Inhalation: If inhale the smoke in the process of hot melting, remove to fresh air. Get medical attention if symptoms persist.

Ingestion: Get medical attention if ingested by mistake.

### 5. FIRE-FIGHTING MEASURES

Extinguishing media: Use dry chemicals, foam or water spray when big fire, and use carbon dioxide (CO<sub>2</sub>), dry chemical or water spray when the small fire. Cool containers which are exposed to the fire with water.

Prohibited extinguisher: Nott confirmed

Special hazard: No

Special extinguish procedure: Decide whether necessary to evacuate or isolate this area according to the local emergency plan.

Protective equipments of firefighters: When extinguishing the fire involving chemicals, firefighters should wear self-contained breathing apparatus and protective clothing.

### 6. ACCIDENTAL RELEASE MEASURES

Personal protection: Avoid contact with hot material. Do not drink.

Emergency processing: Recycle directly and avoid to enter the drainage system or water.

Elimination methods: Sweep up and put into a container for disposal.

### 7. HANDLING AND STORAGE

Handling consideration: Use the exhaust ventilation equipment fully, avoid contact with hot materials.

Storage consideration: Store in a cool, ventilated and dry place and avoid the fire.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering control: Use ordinary ventilation equipment

Respiratory protection: Basically unnecessary

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Hands protection: Wear general industrial gloves, when operate hot melt products, wear chemical protection gloves

Eyes protection: Use proper protection - safety goggles

Other protection: Implement a good industrial hygiene measures, please clear up after operation. Avoid contact with hot materials.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White pellet

Odor: Odorless

MFR: 25g/10min

Density: 1.06g/cm<sup>3</sup>

Combustibility: Not applicable

Main users: Processing aid for thermoplastics material

*Above information for reference only, please contact Javachem for preparing product materials.*

### 10. STABILITY AND REACTIVITY

Stability: Stable

Avoid contact conditions: High temperature, do not touch when the temperature nearly 305℃, in order to avoid burns from thermal decomposition and combustion.

Decomposition products: Carbon and carbide micro incomplete combustion, silica.

### 11. TOXICOLOGICAL INFORMATION

Exposure: Skin contact and accidentally swallowed

Effects and symptoms of excessive contact: No significant adverse effects on the normal conditions of use

Acute toxicity: No

Chemical name: Octamethylcy-clotetrasiloxane

CAS No 556-67-2

LD50 (oral) :> 5000mg/kg ( rat)

LD50(skin) :> 4640mg/kg ( rabbit)

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LD50(suction) : 36mg/L ( rat ; steam for 4 hours )

Eyes: Exposed to this product to hot-melt occasion may cause thermal burns

Skin: Exposed to this product to hot-melt occasion may cause thermal burns

Ingestion: Normal use only with very low intake of harm

Inhalation: This product is a granular material, no inhalation hazard. But the dust and smoke generated in the manufacturing process may be irritating.

Chronic toxicity: No

Ingestion: Repeated or a large number of intakes can cause physical harm

## 12. ECOLOGICAL INFORMATION

Aquatic and terrestrial ecological toxicity: No

Ecological toxicity:

Acute effects: Not indicative of deleterious effects on aquatic organisms

Chronic effects: Not indicative of deleterious effects on aquatic organisms

Effect on waste-water treatment plant: Not indicative of deleterious effects on bacteria

Persistence and degradation in water: Solid objects, not soluble in water

Bioaccumulation potential: No biomass accumulation ability

Mobility in soils: This product is solid, does not contain considerable concentrations of water-soluble components which may filter out from the product, so there is no harm on terrestrial objects.

## 13. DISPOSAL CONSIDERATIONS

Waste property:             Hazardous waste             Industrial solid waste

Waste disposal method: Disposed as general waste

Disposal considerations: No

## 14. TRANSPORT INFORMATION

IMDG Code: —

UN Code: —

Packing mark: —

Packaging categories: PE heat-sealing bag, 25kg net weight per bag.

Transport consideration: Light lading and unloading, avoid laceration.

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### 15. REGULATORY INFORMATION

Regulations: Hazardous chemicals listed in article 3 of 《Regulations on Safety Management of Hazardous Chemicals》 refer to the seven categories of classification criteria regulated by China National standard GB6944-2012 《Classification and Code of Dangerous Goods》

Reference: 《Regulations on Safety Management of Hazardous Chemicals》

The People's Republic of China national standard GB6944-2012

《Classification and Code of Dangerous Goods》

### 16. OTHER INFORMATION

Reference: —

Revision date: Jun. 1<sup>st</sup>, 2018

Filling department: Technical Department

Data verification unit: —

Revision description: —

*This material is not the product manual, but in order to provide the concept of a representative value. There is no guarantee, expression or implication. Industrial hygiene and safety procedures recommended 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.*