

Zhejiang Java Specialty
Chemicals Co.,Ltd

Safety Data Sheet

SDS No.: Q/JH04-E101-2016

Version: A/1

1. IDENTIFICATION OF THECOMPANY

Chinese name: 有机硅添加剂 GT-300P

English name: Silicone Additive GT-300P

Company name: Zhejiang Java Specialty Chemicals Co.,Ltd

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

Postcode: 312367

E-Mail: renjie@javachem.com

Tel: +86-575-82536722

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Enterprise 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 Hazard: No problem

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

3. COMPOSITION/INFORMATION

Chemical compositions: UHMW Polysiloxane and LLDPE (blend)

No.	Chemical name	CAS#	by weight %
1	Polysiloxane	9016 - 00 - 6	50 - 60
2	LLDPE	25087-34-7	40 - 50

Risk components

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

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Eye 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 (CO₂), dry chemicals or water spray when small fire. Cool containers which are exposed to the fire with water.

Unsuitable extinguishing media: Not confirmed

Special hazard: No

Special extinguish procedure: Decide whether necessary to evacuate or quarantine this area according to 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 take orally.

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

Elimination method: 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

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Respiratory protection: Basically unnecessary

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

Eye protection: Use suitable protection, wear 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: 10g/10min

Density: 1.00g/m³

Combustibility: No applicable

Main users: Processing aids for thermoplastic materials

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

10. STABILITY AND REACTIVITY

Stability: Stable

Avoid condition: High Temperature, do not touch when the temperature nearly 250°C, 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:

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

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

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

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

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

Ingestion: Normally 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 to respiratory system.

Chronic toxicity

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

12. ECOLOGICAL INFORMATION

Aquatic and terrestrial ecological toxicity

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 to terrestrial objects.

13. WASTE DISPOSAL

Waste property: Hazardous waste Industrial solid waste

Waste disposal method: According to the general waste

Disposal consideration: No

14. TRANSPORT INFORMATION

IMDG Code: —

UN Code: —

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Packaging mark: —

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

Transportation consideration: Light loading and unloading, avoid laceration.

15. REGULATORY INFORMATION

Regulations: Chemical dangerous goods marked in article 3 of 《Regulations on safety management of hazardous chemicals》, refer to the seven categories of classification criteria stipulated by national standard GB6944 - 2012

《Classification and code of dangerous goods》 of people's Republic of China,

Our company's products are not included.

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: —

Filling time : Jun. 1st, 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.