

SAFETY DATA SHEET (SDS)

Flow Improver ST-PA9

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name: Flow Improver ST-PA9

Application: Additives for thermal plastics

Type: Flow Improver

Classification: Additives

Supplier: Star-Better (Beijing) Chemical Materials Co., Ltd.

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2. HAZARDS IDENTIFICATION

Hazard Classification: According to GHS, Hazardless

Allocation Label Element

Pictogram and Symbol: None

Signal Word: None

Hazard Statement: None

Precaution introduction: Avoid inhalation; avoid contact with eyes; use in the well-ventilated area.
If contact with eyes, flush with plenty of water.

Other Hazardous property: None

For more information see section 11-Toxicological information and section 12-Ecological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

According to GHS, there are no hazard compounds and ingredients.

Chemical Name	CAS No.	Content
Polyester Polyol	32472-85-8	<5%
Adipic Acid	124-04-9	95%≤

4. FIRST AID MEASURES

Skin Contact: Remove any contaminated clothing. Flush skin with soap and water. Get medical aid if needed.

Eye Contact: Immediately flush eyes with plenty of water and get medical aid.

Inhalation: Move the patient to fresh air. Seek medical aid.

Ingestion: May cause stomach and intestine obstruction; don't have diarrhea medicine.

Take emetic immediately to induce vomiting based on the direction of doctor.

Important Symptom & Harmful Effect: No harmful effect under normal condition.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray. Carbon dioxide, dry chemical powder, or appropriate foam.

Unsuitable Extinguishing Media: None

Firefighter Protective Equipment: Wear a self-contained breathing apparatus and a fully protective suit and gloves.

Thermal Decomposition and Combustion Products Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: Full protective clothing, including self-contained breathing apparatus, must be used. Use proper protective equipment.

Environmental Precautions: Do not pour the product into the sewage system or any water course.

Dispose of spilled material in accordance with the relevant regulations.

Methods of Cleaning up: Clean up spills immediately, observing precautions in the protective equipment section. Sweep up, and then place into a suitable container for disposal.

7. HANDLING AND STORAGE

Disposal: Use general protective measures.

Storage: Avoid to be pricked by sharp objects and avoid moisture.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Facilities: Suggest to use ventilation.

Personal Protection

Respiratory system: Do not need respiration protection equipment.

Hands: Latex gloves.

Eyes: Protective glasses.

Skin: Do not need protection equipment.

Suggestion supervise procedure: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White powder

Stability: The product is stable, not react with most solid materials.

Hazardous polymerization: no polymerization

Storage/Stability: Store the product at room temperature, dry condition, tightly closed.

10. STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage.

Hazardous Decomposition Materials: CO, CO₂

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Symptom

Inhalation Irritation: None

Skin Irritation: None

Eyes Irritation: Slightly irritating

Ingestion:	May cause stomachache.
Allergy reaction:	No data
Other Health Hazard Information:	None

12. ECOLOGICAL INFORMATION

No data available.

13. DISPOSAL CONSIDERATIONS

Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber. Observe all federal, state, and local environmental regulations.

14. TRANSPORT INFORMATION

Express Way and Railway:	No limitation
Sea Transportation (IMDG):	No limitation
Air Transportation (IATA):	No limitation
Other Special Requirement:	None

15. REGULATORY INFORMATION

Not hazardous according to Directive 67/548/EEC.

Caution: Substance not yet fully tested (EU).

16. OTHER INFORMATION

Disclaimer:

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relative laws. The data are based on our latest knowledge but do not constitute a guarantee for any specific product features and do not establish a legally valid contractual relationship.

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