

Material Safety Data Sheet

polycarboxylate superplasticizer

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: polycarboxylate superplasticizer

Company Identification: Shandong Hearst Building Material Co.,Ltd

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SECTION 2 INFORMATION ON INGREDIE

Product Name: polycarboxylate superplasticizer

Ingredient	Concentration	CAS No.
Inorganic filler(Silicon dioxide)	~10%	14464-46-1
Water soluble polycarboxylate (poly(ethylene glycol) dimethacrylate)	~90%	25852-47-5

Molecular formula: C₅₀H₉₄O₂₄ (SiO₂)_n

SECTION3 HAZARDS INDENTIFICATION

Hazards Identification:This substance is considered to be non-hazardous for transport.

Emergency Overview: Irritating to eyes, respiratory systems and skin.

SECTION4 FIRST-AIDMEASURES

Skin Exposure: In case of contact, flushwith copious of water. Ifirritation persists, calla physician.

Eye Exposure: In case of contact, flush with copious of water for at last 15minutes. Assure adequate flushing by separating the eyelids with fingers.If irritation persists,call a physician.

Inhalation Exposure: If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

Oral Exposure: If swallowed, washout mouth with water provided person is conscious. Calla physician.



SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:

Suitable: Water spray, dry chemical powder, appropriate foam or carbon dioxide.

Firefighting:

Protective Equipment: Water self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

Hazardous Decomposition Products: CO, CO₂.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Procedures of Personal Precautions:

Wear appropriate protective clothing.

Methods for cleaning up:

Mix with inert material (eg. dry sand, vermiculite) and transfer to a dry, clean, lidded container for disposal. Avoid raising dust. Ventilate area and wash spill site after material pickup is complete.

SECTION 7 HANDLING AND STORAGE

Handling:

User Exposure: Avoid contact with eyes. Keep away from ignition sources, heat, light and flame.

Incompatibilities: strong oxidizing agents and foods. No smoking at working site.

Storage:

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly closed container. Incompatibilities: strong oxidizing agents and foods.

SECTION 8 EXPOSURE CONTROLS/PPE

Engineering Controls: Safety shower and eye bath. Mechanical exhaust required.

Personal Protective Equipment:

Respiratory: Wear government approved respirator.

Eye: Chemical safety glasses.

Clothing: Wear appropriate protective clothing.

Hand: Compatible protective gloves.

General Hygiene Measures: No smoking, drinking and eating at working site. Wash thoroughly after handling.



SECTION9 PHYSICAL/CHEMICAL PROPERTIES

Appearance: Grey yellowish powder

Odor: Weak odor

Flashing Point: >100°C (closed cup)

pH Value(10% in water): 6~8

Solubility: Miscible in water

SECTION10 STABILITYAND REACTIVITY

Stable: Stable

Materials to Avoid: Strong oxidizing agents.

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon monoxide, Carbon dioxide.

SECTION11 TOXICOLOGICAL INFORMATION

Toxicity Data: No data available.

Irritation Data: Irritating to eyes, respiratory systems and skin.

SECTION12 ECOLOGICAL INFORMATION

No data **available**

SECTION13 DISPOSAL CONSIDERATIONS

Appropriate Method of Disposal of substance:

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

SECTION14 TRANSPORT INFORMATION

DOT

Proper Shipping Name: None.

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.





SHANDONG HEARST BUILDING MATERIAL CO.,LTD

ADR/RID CLASS: None

Non-Hazardous for Transport: This substance is considered to be non-hazardous for transport.

IATA:

Non-Hazardous for Air Transport: Non-hazardous for air transport.

IMO:

Non-Hazardous for Sea Transport: Non-hazardous for air transport.

According to IMDG/IMO,it's not dangerous cargo.

SECTION15 REGULATORY INFORMATION

EU Additional Classification:

Classification: Non regulated material.

Risk Phrases: R 36/37/38Irritating to eyes, respiratory system and skin.

Safety Phrases: S 26 36/37/39In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable clothing, gloves and eye/face protection.

SECTION16 OTHER INFORMATION

Other Information

The MSDS is prepared in accordance with GB 16483-2000 General Rules for Preparation of Chemical Safety Data Sheet (eqv ISO 11014-1:1994)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.



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