

MATERIAL SAFETY DATA SHEET

Date: Jan.1, 2022

1. Identification

Product Identification: Rubber Vulcanizing Agent S200-1

Other Means of Identification: Oiled polymeric Sulfur

Recommended Use: Vulcanizing Agent for rubber based products.

Restriction on Use: Not allowed to use in food industry.

Supplier Identifier: Wuxi Hengsyn Material Co., Ltd.

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2. Hazard Identification

Hazard classification: Not applicable

Label elements: a. Symbol or the name of the symbol: Not applicable.

b. Signal word: Not applicable

c. Hazard statement: Not applicable

d. Precaution statement: Not applicable

Other hazards which do not result in classification: Not applicable

3. Composition / Information on Ingredients: Mixture

Component	CAS NO.	Content %
Oil	64742 - 53 - 6	0.8 - 1.2
Polymeric sulfur	9035 - 99 - 8	98.8 - 99.2

4. First-aid Measures

First-aid measures by route of exposure:

a. Inhalation: Remove person to fresh air.

b. Skin contact: After contact with skin, wash with water and soap.

In case of eye contact, wash with water and seek medical advice.

c. Ingestion: Seek medical advice if swallowed.

Most important symptoms and effects (acute or delayed): Not applicable

5. Fire-fighting Measures

Suitable extinguishing media: Water, foam or carbon dioxide.

Unsuitable extinguishing media: Not applicable

Specific hazards arising from the hazardous product: Sulfur dioxides

Specific protective equipment and precautions for fire-fighters: Wear respiratory protection.

6. Accidental Release Measures

Personal precautions, protective equipment, emergency procedures: protective goggles, gloves.

Methods and materials for containment and cleaning up: Fill into labeled, sealed containers.

7. Handling and Storage

Precautions for safe handling: Keep away from food, drink and animal feeding stuffs.

Conditions for safe storage: Store in a cool, dry place.

8. Exposure Controls / Personal Protection

Control parameters(exposure limits): No data available

Appropriate engineering controls: Confined operation, local ventilation.

Individual protection measures:

a. Eye protection: protective goggles

b. Hand protection: protective gloves

9. Physical and Chemical Properties

Appearance: Fine (non-flying) yellow powder.

Odor: Faint odor.

Ph: 6-7

Melting point: 90-135°C

Initial boiling point: 446°C

Flash point: 210°C

Evaporation rate: ≤0.5 %

Flammability: Stable

Lower flammability /explosive limit: No data available

Upper flammability /explosive limit: No data available

Vapour pressure: 0.13 kPa (186°C)

Vapour density: No data available

Relative density: 2.0 g / cm³

Solubility: Insoluble in water.

Auto-ignition temperature: 330°C

Decomposition temperature: No data available

Viscosity: No data available

10. Stability and Reactivity

Reactivity: No hazardous reactions observed.

Chemical stability: Stable under conditions.

Possibility of hazardous reactions: Not applicable

Conditions to avoid (static discharge, shock or vibration): Stable under conditions.

Incompatible materials: Strong oxidants

Hazardous decomposition products: May produce sulfur dioxide.

11. Toxicological Information

Lethal dose (LD50): No data available

Effect on the eyes: Not found

Effect on the skin: Not found

12. Ecological Information

Environmental Toxicity: This material is not expected to be toxic to aquatic life.

13. Disposal Considerations

Ecotoxicity: Not found

Persistence and degradability: May produce sulfur dioxides

Bioaccumulative potential: Not found

Mobility in soil: Not found

Other adverse effects: Not found

14. Transport Information

UN/NA: Not applicable

UN Proper shipping name: Not applicable

Transport hazard class: Not applicable

Packing Group: Not applicable

Environmental hazards: Not applicable

Special precautions: Keep away from strong oxidants

15. Regulatory Information

Safety, health and environmental regulations specific to the products: Smoking is strictly prohibited on the job site. After work, shower and change clothes. Pay attention to personal hygiene. If leakage appears, collect with a spark-free tool in labeled, sealed containers and transfer to a safe place.

16. Other Information

Date of the latest revision of the SDS: Jan.1, 2022.