

A SUNG NEW MATERIAL (SHANDONG) CO., LTD

MATERIAL SAFETY DATA SHEET

Date of Original publication:01/01/2026

Valid to:31/12/2026

1. IDENTIFICATION OF PRODUCT/COMPANY

Material Identification

Product Name: Polyethylene wax

Product Code: 34049000

CAS NO.: 9002-88-4

Intended Use: pigment dispersion /color master batch / Hot melt adhesives/ asphalt modification

COMPANY IDENTIFICATION

Supplier: A SUNG NEW MATERIAL (SHANDONG) CO.LTD

Address: LIUQING STREET, LANSHAN DISTRICT, LINYI CITY, SHANDONG ,CHINA

2. HAZARDS IDENTIFICATION

Potential Health Effects

Eye Contact: Solid or dust may cause irritation or corneal injury due to mechanical action. Thermal degradation of the resin may generate hydrogen chloride gas at concentrations which may cause eye irritation. **Skin Contact:** Prolonged contact is essentially nonirritating to skin. Mechanical injury only. Under normal processing conditions, material is heated to elevated temperatures; contact with the material may cause thermal burns.

Skin Absorption: No adverse effects anticipated by skin absorption.

Inhalation: Dust may cause irritation to upper respiratory tract (nose and throat). Thermal degradation of the resin may generate hydrogen chloride gas at concentrations which may cause respiratory irritation.

Ingestion: Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts. May cause choking if swallowed.

Aspiration hazard: Based on physical properties, not likely to be an aspiration hazard.

3. COMPOSITION/INFORMATION ON INGREDIENTS

MATERIAL	CAS NUMBER	%
POLYETHYLENE WAX	9002-88-4	100

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4. FIRST-AID MEASURES

- 1) Eyes: Flush eyes with flowing water at least 3 minutes. If cirs develops, consult physician.
- 2) Skin: No hazardous if touch, but it should wash affected skin areas thoroughly with soap and water for a health.
- 3) Inhalation: If inhaled, move to fresh air and in breathing. If necessary, and get medical attention.
- 4) Ingestion: If swallowed, dilute with water and induce vomiting. Get immediate medicine.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Appropriate Extinguishing Media: Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

Inappropriate Extinguishing Media: Straight Streams of Water

FIRE FIGHTING

Fire Fighting Instructions: Assure an extended cooling down period to prevent re-ignition.

Evacuate area.

Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.

Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

Use water spray to cool fire exposed surfaces and to protect personnel.

Unusual Fire Hazards: High dust levels may create potential for explosion.

6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SPILL MANAGEMENT

Land Spill: Spilled pellets present a slipping hazard on hard surfaces. Small Dry Spills: With clean shovel place material into clean, dry container and cover loosely; move containers from spill area.

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Water Spill: Stop leak if you can do it without risk. Confine the spill immediately with booms. Warn other shipping. Skim from surface.

Water spill and land spill recommendations are based on the most likely spill scenario for this material; however, geographic conditions, wind, temperature, (and in the case of a water spill) wave and current direction and speed may greatly influence the appropriate action to be taken. For this reason, local experts should be consulted. Note: Local regulations may prescribe or limit action to be taken.

ENVIRONMENTAL PRECAUTIONS

Prevent entry into waterways, sewers, basements or confined areas

person-related safety precautions:

particular danger of slipping on leaked/spilled product

see point 8

measures for environmental protection:

no special measures required

measures for cleaning / collecting:

recycle product or dispose properly

7. HANDLING AND STORAGE

A moderately cool, dry, well-ventilation area is considered adequate for the storage. Direct sunshine and high humidity must be avoided.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation : it should be put on a ventilation place to control dust pervasion.

Respiration protection: Using respirators by NISOH approved at necessary.

Eye protection : Goggled recommended

Protective glove : Rubber or plastic glove recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Physical State: flake

Form: flake

Color: White

Odor: Odorless

Odor Threshold: N/D

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IMPORTANT HEALTH, SAFETY, AND ENVIRONMENTAL INFORMATION

Drop point (°C): 100- 110

Density (g/cm³ @25 °C): 0.94

Penetration @25°C: Max 8

Viscosity(140DEG C,CPS) : 10-40

10. STABILITY AND REACTIVITY

Chemical Stability: Stable at normal temperatures and storage conditions.

Conditions to Avoid: Avoid open flames and high temperatures.

Incompatibility with Other Materials: None reasonably foreseeable

Decomposition: Hazardous gases or vapors can be released, including carbon monoxide, hydrogen chloride (HCl), hydrocarbon oxidation products including organic acids, aldehydes and alcohols.

Polymerization: Polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Skin contact: no chronic effect. Use proper hygiene and protective clothing.

Eye contact: particulate dust may cause physical irritation.

Inhalation: no chronic effects. Use in well ventilated area. Avoid inhalation of dust.

12. ECOLOGICAL INFORMATION

Ecotoxicity: no information available.

Aquatic toxicity: no information available. Toxicity is expected to be low as product is insoluble in water.

13. DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied. Disposal must be in accordance with current applicable laws and regulations, and material characteristics at time of disposal.

DISPOSAL RECOMMENDATIONS

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

REGULATORY DISPOSAL INFORMATION

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RCRA Information: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed as hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

14. TRANSPORTATION INFORMATION

Land transport (ADR/RID/GGVSE)

This product is not regulated as a hazardous material or dangerous goods for transportation. **Sea transport** (IMDG-Code/GGVSee)

This product is not regulated as a hazardous material or dangerous goods for transportation. **Air transport** (ICAO-TI/IATA-DGR)

This product is not regulated as a hazardous material or dangerous goods for transportation.

IMDG/IMO NOT REGULATED

15. REGULATORY INFORMATION

Immediate (Acute) Health Hazard	No
Delayed (Chronic) Health Hazard	No
Fire Hazard	No
Reactive Hazard	No
Sudden Release of Pressure Hazard	No

Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to Know Act of 1986) Section 313

To the best of our knowledge, this product does not contain chemicals at levels which require under this statutes.

16. OTHERS

This product should be stored, handled and used in accordance with nation industrial ordinance and in conformity with any legal regulations. This information contained herein is point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.