



Oxidized PE Wax – Material Safety Data Sheet (MSDS)

Product Name: Oxidized Polyethylene Wax

Chemical Name: Oxidized Polyethylene Wax

Product Type: Industrial Wax

Recommended Use: Industrial processing, polymer additives, pigment dispersion, coatings, and wax emulsions.

1. Identification of the Substance and Supplier

- **Product Name:** Oxidized PE Wax
- **Chemical Family:** Oxidized Polyethylene
- **Recommended Use:** Industrial applications
- **Supplier:** Scurea

2. Hazard Identification

The hazard classification depends on the specific product grade, particle form, and applicable regulations.

- Avoid unnecessary contact with hot molten material.
- Fine particles may create airborne dust during handling.
- Molten wax may cause thermal burns.
- Assess combustible-dust hazards where fine particles can accumulate.

Consult the manufacturer's official Safety Data Sheet (SDS) for the applicable hazard classification and labeling requirements.

3. Composition and Information on Ingredients

- **Main Component:** Oxidized Polyethylene Wax
- **Chemical Description:** Oxidized polyethylene
- **CAS Number:** Confirm with the manufacturer for the exact product.
- **Other Components:** To be specified by the manufacturer, if applicable.



4. First-Aid Measures

Inhalation: Move the affected person to fresh air if dust or fumes cause discomfort. Seek medical attention if symptoms persist.

Skin Contact: Wash exposed skin with soap and water. For molten wax, cool the affected area with cool running water and seek urgent medical care. Do not attempt to peel solidified wax from burned skin.

Eye Contact: Rinse cautiously with clean water for several minutes. Seek medical attention if irritation persists.

Ingestion: Rinse the mouth. Do not induce vomiting unless instructed by a medical professional. Seek medical advice if necessary.

5. Fire-Fighting Measures

Use extinguishing media appropriate for the surrounding fire and the product's confirmed fire properties.

- **Suitable Media:** Select according to the manufacturer's SDS and site fire-safety procedures.
- **Specific Hazards:** Combustion may release carbon monoxide, carbon dioxide, and other decomposition products.
- **Protective Equipment:** Firefighters should use appropriate protective clothing and respiratory equipment.

6. Accidental Release Measures

- Avoid generating airborne dust.
- Prevent spilled material from entering drains and waterways.
- Collect solid material using suitable methods that minimize dust generation.
- Place recovered material in an appropriate, labeled container.
- Follow local requirements for disposal.



7. Handling and Storage

- Handle in a well-ventilated area.
- Minimize dust generation and accumulation.
- Avoid direct contact with hot material.
- Keep containers closed when not in use.
- Store in a cool, dry area away from incompatible materials and ignition sources where applicable.
- Follow the supplier's recommended storage conditions.

8. Exposure Controls and Personal Protection

Select protective measures according to the actual exposure assessment and applicable workplace regulations.

- **Eye Protection:** Safety glasses or goggles where exposure is possible.
- **Hand Protection:** Suitable protective gloves.
- **Respiratory Protection:** Use appropriate protection if dust or fumes exceed applicable exposure limits.
- **Engineering Controls:** Provide adequate ventilation, especially during heating or processing.

9. Physical and Chemical Properties

Property	Description
Physical State	Solid at ambient temperature, depending on grade
Appearance	Typically white to off-white
Odor	Grade-dependent
Melting Point	Manufacturer-specific
Boiling Point	Not generally applicable as a simple wax specification
Water Solubility	Generally insoluble
Density	Manufacturer-specific
Viscosity	Grade- and temperature-dependent
Flash Point	Confirm using the official product data
pH	Generally not applicable to the solid wax itself



10. Stability and Reactivity

- **Stability:** Expected to remain stable under recommended storage conditions; confirm with the manufacturer.
- **Conditions to Avoid:** Excessive heating and conditions that create hazardous dust concentrations.
- **Incompatible Materials:** Confirm through the official SDS.
- **Hazardous Decomposition Products:** Thermal decomposition or combustion may produce carbon oxides and other fumes.

11. Toxicological Information

Product-specific toxicological data must be obtained from the manufacturer. Avoid inhalation of dust and unnecessary eye or skin exposure. Assess risks based on the exact grade, impurities, additives, and exposure conditions.

12. Ecological Information

Do not release the product into drains or waterways. Product-specific information on environmental persistence, degradability, and aquatic toxicity should be obtained from the manufacturer.

13. Disposal Considerations

Dispose of unused product, contaminated packaging, and collected spills in accordance with local regulations and the manufacturer's recommendations. Do not discharge bulk material into drainage systems.

14. Transport Information

Transport classification depends on the specific product and applicable regulations. Confirm the proper shipping name, UN number, hazard class, and packaging requirements with the manufacturer before shipment.

15. Regulatory Information

The supplier must verify applicable chemical safety, labeling, and workplace regulations for the product and destination market.



16. Other Information

This document is a general reference template. It does not replace a manufacturer-issued SDS prepared for the specific Oxidized PE Wax grade and applicable jurisdiction.