



MATERIAL SAFETY DATA SHEET (MSDS)

LLDPE Wax

Document Status: General Template — Manufacturer Verification Required

Section 1: Product and Company Identification

- **Product Name:** LLDPE Wax
- **Chemical Name:** Polyethylene Wax
- **Recommended Use:** Industrial processing additive
- **Applications:** Plastic processing, masterbatch production, pigment dispersion, and selected mineral-filled compounds
- **Manufacturer/Supplier:** Scurea

Section 2: Hazards Identification

The hazard classification must be established using the actual product composition and applicable regulatory requirements.

Potential workplace hazards may include dust exposure, eye irritation from airborne particles, and burns from contact with hot molten material. Fine combustible dust may present a fire or explosion hazard under suitable conditions.

Precaution: Consult the official SDS for the specific grade before handling or processing the material.

Section 3: Composition and Information on Ingredients

- **Product:** LLDPE Wax
- **Chemical Family:** Polyethylene-based material
- **CAS Number:** To be confirmed by the manufacturer
- **Composition:** To be confirmed using the manufacturer's formulation and regulatory documentation



Section 4: First-Aid Measures

Inhalation: Move the affected person to fresh air. Seek medical attention if symptoms persist.

Skin Contact: Wash with soap and water. For contact with molten material, cool the affected area with plenty of cool water. Do not attempt to remove solidified material attached to the skin. Obtain medical attention.

Eye Contact: Rinse cautiously with clean water for several minutes. Remove contact lenses if easy to do and continue rinsing. Seek medical attention if irritation persists.

Ingestion: Rinse the mouth. Do not induce vomiting unless instructed by medical personnel. Seek medical advice if symptoms occur.

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media: Use extinguishing media appropriate for the surrounding fire and the material's confirmed fire classification.

Specific Hazards: Burning polyethylene materials may release carbon monoxide, carbon dioxide, smoke, and other combustion products.

Protective Equipment: Firefighters should use appropriate protective clothing and self-contained breathing apparatus when necessary.

Avoid creating airborne dust during cleanup.

Section 6: Accidental Release Measures

Prevent the material from entering drains and waterways. Avoid generating airborne dust during cleanup.

Collect spilled material using suitable methods and place it in an appropriate container for reuse or disposal, where permitted. Take care to prevent slip hazards from spilled solid material.

Follow the official SDS for grade-specific spill procedures.



Section 7: Handling and Storage

- Use appropriate ventilation during handling and processing.
- Avoid unnecessary dust generation.
- Keep the material away from ignition sources where combustible dust may be present.
- Avoid direct contact with hot molten wax.
- Store in closed, clearly labeled containers in a dry, well-ventilated area.
- Follow the manufacturer's recommended storage conditions.

Section 8: Exposure Controls and Personal Protection

Engineering Controls: Provide appropriate ventilation and dust extraction where required by the process.

Eye Protection: Use safety glasses or goggles appropriate to the exposure risk.

Hand Protection: Wear suitable protective gloves. Use heat-resistant gloves when handling hot equipment or molten material.

Respiratory Protection: Use suitable respiratory protection when a risk assessment identifies airborne dust or process fumes that ventilation cannot adequately control.

Follow applicable workplace exposure limits and local occupational safety requirements.

Section 9: Physical and Chemical Properties

Property	Information
Physical State	Manufacturer to confirm
Appearance	Manufacturer to confirm
Color	Manufacturer to confirm
Odor	Manufacturer to confirm
Melting Range	Grade-specific
Density	Grade-specific
Melt Viscosity	Grade-specific
Water Solubility	To be confirmed
Flash Point	To be confirmed
Decomposition Temperature	To be confirmed



Section 10: Stability and Reactivity

The product's stability and reactivity must be confirmed using the manufacturer's safety documentation.

Avoid uncontrolled overheating and exposure to incompatible materials. Thermal decomposition may generate hazardous fumes and gases.

Section 11: Toxicological Information

The toxicological profile depends on the product composition and available test data. Potential exposure routes include inhalation of dust or fumes, eye contact, and skin contact with hot material.

Do not assign a definitive toxicity classification without supporting product-specific data.

Section 12: Ecological Information

Avoid uncontrolled release into the environment. Prevent spills from entering drains and surface water.

Environmental persistence, aquatic toxicity, and other ecological characteristics must be confirmed using relevant product data.

Section 13: Disposal Considerations

Dispose of unused material, contaminated packaging, and collected spills according to applicable local and national regulations.

Recycling may be possible where the material is uncontaminated and suitable facilities are available. Do not discharge waste into drains.



Section 14: Transport Information

- **UN Number:** To be confirmed
- **UN Proper Shipping Name:** To be confirmed
- **Transport Hazard Class:** To be confirmed
- **Packing Group:** To be confirmed
- **Environmental Hazards:** To be confirmed

Transport classification must be verified against the actual product and applicable transport regulations.

Section 15: Regulatory Information

Confirm the applicable chemical safety, workplace handling, labeling, and environmental requirements for the destination market. Regulatory status must be established using the specific product composition and current legislation.

Section 16: Other Information

This document is a general MSDS/SDS template for drafting and website preparation. It does not replace a manufacturer-issued Safety Data Sheet.

Before publication or commercial distribution, a qualified supplier or safety professional must verify the product identity, hazard classification, exposure controls, physical properties, emergency procedures, and regulatory information.

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