

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code : MESV15790
Product Description : SILVER MASTERBATCH
Manufacturer : SALEE COLOUR PUBLIC CO.,LTD.
: 858 Moo 2, Soi 1C/1 Bangpu Industrial Estate, Bangpumai, Muang
Samutprakarn, Samutprakarn 10280, Thailand.
Tel. (66)0-2323-2601-8
FAX: (66)0-2323-2227-8

2. COMPOSITION INFORMATION ON INGREDIENTS

This product contain

COMPONENT 1 CAS No. : 1317-65-3
COMPONENT 2 CAS No. : 9002-88-4
COMPONENT 3 CAS No. : 7429-90-5
COMPONENT 4 CAS No. : 9002-88-4
COMPONENT 5 CAS No. : 13463-67-7



3. HAZARDS IDENTIFICATIONS

Physical/Chemical Hazards : According to our experience in using this material, it is considered to be hazardous material. Spilled pellets present a slipping hazard on hard surfaces. Contact with hot material can cause thermal burns which may result in permanent damage.

Health hazards : Material is essentially non-toxic. However, if dust is generated, it may scratch the eyes and cause minor irritation to the respiratory tract. When heated, the vapour/fumes given off may cause respiratory tract irritation.

4. FIRST AID MEASURES

Eye Contact : Flush eyes with water if irritation occurs, get medical assistance.
Skin contact : If contact with molten product occurs, treat as for thermal burn.
Ingestion : Not ordinarily required.
Inhalation : Not ordinarily required.

5. FIRE FIGHTING MEASURES

Extinguishing Media : Use water fog, foam, dry chemical or CO₂

Special Protective Equipment for Fire Fighters : Material will not burn unless pre-heated. Do not enter fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots: including a positive pressure NIOSH* approved self-contained breathing apparatus. Cool fire exposed containers with water.

Unusual Fire and Explosion Hazards : Treat as a solid that can burn. Avoid accumulation and dispersion of dust to reduce explosion potential.

Hazardous Combustion Products : smoke, fume, incomplete combustion products, oxides of carbon, flammable hydrocarbons.

Flammability Properties :

Flash Point : N/A

Flammable Limits (Approximate volume % in air) :

LEL : N/D UEL : N/D

Auto-ignition Temperature : N/A

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.

Water Spill : Stop leak if you can do so without risk. Confine the spill immediately with booms. Warn other shipping. Skim from surface Environmental Precautions: Prevent entry into waterways, sewers, basements or confined areas. For Large Spills: Cover spill with plastic sheet or tarpaulin to minimize spreading.

7. HANDLING AND STORAGE

Handling : Avoid elevated temperatures for prolonged periods of time. Prevent small spills and leakage to avoid slip hazard. Avoid conditions which create dust. DO NOT handle, store or open near and open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Material can accumulate static charges which may cause an electrical spark (ignition source). Care should be taken when storing and handling this product. Apart from the specific nature of the polymer product, conditions such as humidity, sunlight and temperature have an influence on the way the product behaves during storage and handling. Special attention should be paid to avoid inappropriate stacking of palletized bags or other package units. Indeed, units. Indeed, polymer products may be dimensionally unstable under certain conditions. Avoid conditions generating heat during transfer operations.

Treat as a solid that can burn. Adequate ventilation and / or engineering controls must be employed in high temperature processing to prevent exposure to potentially toxic/ irritating fumes. Bond and ground transfer equipment.

Storage : Store away from oxidizing materials, in a cool, dry place with adequate ventilation and absence of direct sunlight. Keep away from incompatible materials. Do not store in open or unlabeled containers.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection : Not ordinarily required.

Protective Clothing : Not ordinarily required.

Additional Protective Measures : Adequate Ventilation and /or engineering controls are required when product is heated in processing to prevent exposure to potentially toxic/irritating fumes.

9. PHYSICAL AND CHEMICAL PROPERTIES

Density (g/cc) :	1.17+-0.12
Boiling Point :	Not Applicable
Melting Point :	Not Applicable
Solubility in water :	Insoluble
Auto Ignition Temperature :	Not Applicable
Flammability :	Flammable
Flash Point :	Not Applicable
Odor :	None
Physical form :	Granule

10. STABILITY AND REACTIVITY

Stability : Stable

Hazardous Polymerization : Will not occur

Materials to Avoid : Strong oxidizing agents

Condition to Avoid : Temperatures above 300 degree C

Hazardous Decomposition Products : At processing temperature, some degree of thermal degradation will occur. Although highly dependent on temperature and environmental condition, a variety of decomposition products may be present ranging from simple hydrocarbons (methane and propene) to toxic/irritation gases such as carbon monoxide & dioxide, aldehydes and other organic vapors.

11. TOXICOLOGICAL INFORMATION

This product is none toxic by composition. However it should be treated as nuisance particulates, avoiding breathing dust or any fumes that may be generated during its processing. A knowledge of available toxicology information and of the physical and chemical properties of this material suggests that over-exposure is unlikely to aggravate existing medical conditions.

12. ECOLOGICAL INFORMATION

The material is not biodegradable. Avoid uncontrolled releases. If it enters a water course or sewer, advise proper authorities of possible floating polymer.

13. DISPOSAL CONSIDERATIONS

All waste material should be packaged, labeled transported and disposed or reclaimed in conformance with applicable laws & regulations and in conformance with good engineering practices. Reclaim where possible.

14. TRANSPORT INFORMATION

Department of Transportation Classification: Not hazardous.

15. REGULATORY INFORMATION

Not Applicable

16. OTHER INFORMATION

The information contained herein is base on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider these data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment.
