1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: ADMER (Pellet)

Elastomers Division
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2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical name</th>
<th>PEL(OSHA)</th>
<th>TLV(ACGIH)</th>
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<td>Acid modified Polyolefin compound</td>
<td>1)</td>
<td>2)</td>
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1) Particulates (Not otherwise regulated)
   15 mg/m³, 8 Hr. TWA, total dust
   5 mg/m³, 8 Hr. TWA, respirable dust

2) Particulates (Not otherwise specified)
   10 mg/m³, 8 Hr. TWA, inhalable
   3 mg/m³, 8 Hr. TWA, respirable

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:
White or milk-white pellet, no odor.
Can burn in a fire.
Powdered material may form explosive dust-air mixture.
Prolonged contact may cause skin irritation.
Slippery, can cause falls if walked on.

POTENTIAL HEALTH EFFECTS
Route(s) of Entry: Ingestion, Inhalation
INHALATION:
Exposed to small amount of dust is not expected to present a hazard. At processing high temperature, fumes irritating to the eyes, nose and throat may be produced. This exposure may result in reddening, tearing, and soreness in the nose and throat together with coughing.

INGESTION:
The material is believed to present very little hazard, if swallowed.

SKIN CONTACT:
Based on experience with handling this polymer, prolonged contact with resin may cause mild irritation of the skin. Rubbing may cause irritation similar to sand or dust. Molten polymer contacting the skin will cause thermal burns.

EYE CONTACT:
Solid or dust may cause irritation or scratch the surface of the eye. Contact with processing vapors may cause eye irritation.

CARCINOGENICITY:
NTP: Not listed.
IARC: Not listed.
OSHA: Not regulated.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:
No information found.

4. FIRST AID MEASURES

INHALATION:
No adverse effects believed by a small amount of dust during proper industrial handling. If exposed to fumes from over heating or combustion, move to fresh air. Consult a physician if symptoms persist.

EYE CONTACT:
Immediately flush with plenty of water for at least 15 minutes. Consult a physician if symptoms persist.

SKIN CONTACT:
Wash off in flowing water or shower. If molten polymer gets on skin, cool rapidly with cold water.
Do not attempt to peel polymer from skin. Get medical treatment for thermal burn.

INGESTION:
No adverse effects believed by swallowing a small amount. Consult physician if necessary.

5. FIRE FIGHTING MEASURES

FLASH POINT: 200 °C (392 °F) or higher
AUTOIGNITION TEMPERATURE: Not available
FLAMMABLE LIMITS: Not available

EXTINGUISHING MEDIA: Water fog, dry chemical, foam, CO₂

GENERAL HAZARD:
This material does not ignite easily, but will burn if involved in a fire. Products of combustion include irritating and poisonous gases. Fine dust dispersed in air in sufficient concentrations and in the presence of an ignition source, is a potential dust explosion hazard.

FIRE FIGHTING EQUIPMENT
Respiratory and eye protection required for fire-fighting personnel.
Full protective equipment (Bunker Gear) and self-contained breathing apparatus (SCBA) should be used for all indoor fires and any significant outdoor fires.

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂

6. ACCIDENTAL RELEASE MEASURES
Vacuum or sweep material and place in disposal container.

7. HANDLING AND STORAGE
Avoid skin and eye contact, and avoid breathing dust. Ground and bond containers when transferring material to prevent dust explosion. Store in cool, well-ventilated place away from incompatible materials.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:
The use of local exhaust ventilation is recommended to control emissions near the source.

RESPIRATORY PROTECTION:
For most conditions, no respiratory protection should be needed, however, in dusty atmospheres, use an approved dust respirator.

PROTECTIVE CLOTHING:
Wear impervious protective gloves to prevent skin contact. If there is potential contact with hot/molten material, wear heat resistant clothing and footwear.

EYE PROTECTION:
Use safety glasses.

OTHER PROTECTIVE DEVICES:
Safety shower and eye wash station near work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

MELTING POINT: 70-165 °C
VICAT SOFTENING POINT: <155 °C
SPECIFIC GRAVITY: 0.88-0.96
SOLUBILITY IN WATER: Negligible
APPEARANCE: White or milk-white pellet
ODOR: No odor

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

INCOMPATIBLE MATERIALS AND CONDITIONS TO AVOID:
Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY: Not available.
LOCAL EFFECTS: Not available.
12. ECOLOGICAL INFORMATION

No specific data are available. Toxicity is expected to be low, based on negligible water solubility of polymer. Avoid dumping or releasing in oceans or water areas to prevent possible intake by marine organisms and birds.

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery may be burned in an approved incinerator or disposed in approved waste facility. Ensure compliance with local, state and federal regulations.

14. TRANSPORT INFORMATION

D.O.T. Hazard class: Not a hazardous material.
UN Class : Not a hazardous material.
UN Number : None

15. REGULATORY INFORMATION

OSHA STATUS :
This product is not hazardous under the criteria of Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

TSCA STATUS :
All components of this product are listed on the TSCA Inventory.

CERCLA REPORTABLE QUANTITY : None

SARA Title III :
SECTION 302 EXTREMELY HAZARDOUS SUBSTANCES: None
SECTION 311/312 HAZARDOUS CATEGORIES :
Non-hazardous under section 311/312.
SECTION 313 TOXIC CHEMICALS: None

CALIFORNIA PROPOSITION 65 :
This product contains no chemicals known to the state of California to cause cancer and reproductive toxicity.
16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.