

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

**Product name:** FR PE MB  
**Product code:** 11371  
**Chemical characterisation:** Color & additive concentrates and compounds

<p><b>Supplier:</b>                  Ampacet Corporation                  660 White Plains Road                  Tarrytown, NY 10591</p>	<p><b>Emergency telephone number:</b>                  Day - 914-631-6600                  Night - 337-463-6001                  Contact: Day - Safety Dept.                  Contact: Night - Laboratory</p>
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## 2. COMPOSITION/INFORMATION ON INGREDIENTS

### HAZARDOUS COMPONENTS

Components	Weight %	CAS-No	ACGIH:	OSHA:
1H-ISOINDOLE-1,3(2H)-DIONE,2,2'-(1,2-ETHANEDIYL)	30 - 40	32588-76-4	not determined	not determined
ANTIMONY OXIDE	10 - 20	1309-64-4	= 0.5 mg/m <sup>3</sup> TWA = 0.5 mg/m <sup>3</sup> TWA (as Sb)	= 0.5 mg/m <sup>3</sup> TWA = 0.5 mg/m <sup>3</sup> TWA (as Sb)

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

- Low hazard for usual industrial or commercial handling.

**Principle routes of exposure:** Eyes. Inhalation.

<p><b>Skin contact:</b>  <b>Eye contact:</b>  <b>Inhalation:</b>    <b>Ingestion:</b></p>	<p>Antimony oxide dust may irritate skin and cause antimony measles.                  Fumes or mist may be irritating to eyes.                  Inhalation of organic fumes or mist may irritate respiratory tract and mucous membranes.                  Ingestion is not expected to occur. If swallowed, may physically irritate digestive system.</p>
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## 4. FIRST AID MEASURES

<p><b>Inhalation:</b>    <b>Skin contact:</b>    <b>Ingestion:</b>    <b>Eye contact:</b></p>	<p>If overcome by fumes, mist or dust, remove to fresh air. If symptoms persist, contact physician.                    For hot product, immediately immerse in, or flush the affected area with large amounts of cold water. Cover with clean cotton sheeting or gauze and get prompt medical attention. Do not remove material from skin as the damaged flesh can be easily torn.                    Not likely to be ingested in present form.                    Flush eyes with plenty of water. If irritation persists, consult a physician.</p>
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## 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:** Use dry chemical, foam, carbon dioxide or water spray.

**Flash point (°F):** >600°

**Flash point (°C):** >300°

**NFPA:** Health: 2 Flammability: 1 Instability: 1

**HMIS:** Health: 2 Flammability: 1 Reactivity: 1

**Hazardous Combustion Products:** Antimony oxide. Hydrogen bromide.

**Key:**

See also section 3

## 6. ACCIDENTAL RELEASE MEASURES

**General Procedures** Stop source of spill. Sweep up for immediate collection and disposal. If material enters a sewer or waterway, notify responsible authorities of presence of possibly toxic plastic pellets.

## 7. HANDLING AND STORAGE

**Handling:** Use with adequate ventilation. Minimize dust generation.

**Shelf Life:** 24 Months

**Storage:** Store at ambient temperature and keep dry.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Engineering measures to reduce exposure:** If process generates dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

### Personal Protective Equipment

**Respiratory protection:** If dust, smoke or fumes are generated in processing or handling, wear appropriate approved respiratory protection to keep concentration below the permissible exposure limit.

**Skin and body protection:** Wear suitable gloves to protect against specific hazard..

**Eye protection:** Wear eye/face protection appropriate for the specific hazard.

**Work/Hygiene Practices:** Do not breathe dust. Do not breathe fumes/mist.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Solid  
**Color:** FR PE MB  
**Odor:** No Odor  
**Melting Point (°F):** >205

**Melting Point (°C):** >96  
**Specific gravity:** 1.61  
**Solubility:** Insoluble.

## 10. STABILITY AND REACTIVITY

**Hazardous decomposition products:** Oxides of nitrogen and carbon. Antimony Oxide. Hydrogen bromide.

**Conditions to avoid:** Do not store near heat, flame nor strong oxidants. Minimize dust generation and accumulation.

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

### Local effects

**Skin irritation:** Chronic exposure to dust may cause antimony measles.

**Eye irritation:** No data available.

**Inhalation** No data available

**Ingestion** No data available

**Sensitization:** No data available

**Chronic toxicity:** No data available

### Specific effects

**Carcinogenic effects:** Possible risk of irreversible effects from antimony measles. May cause cancer. Antimony oxide is classified by: IARC: Group 2B suspect carcinogen. Arsenic is classified by: IARC: Group 1 human carcinogen. NTP: human carcinogen. OSHA: cancer hazard.

**Mutagenic effects:** Not considered to be mutagenic.

**Reproductive toxicity:** Possible risk of irreversible reproductive effects.

**Target organ effects:** Skin Eyes Respiratory tract Blood and Renal

## 12. ECOLOGICAL INFORMATION

**Environmental Data** Not expected to be hazardous to the environment in present form.

**Ecotoxicological Information** May be harmful to wildlife if ingested.

**Ecological Comments** Keep out of waterways.

## 13. DISPOSAL CONSIDERATIONS

**Product Disposal** Sweep up spilled material and place in suitable container for recycle or disposal. Dispose of recovered material according to current regulations.

**General Comments** It is recommended that all waste be analyzed for compliance to applicable laws and regulations governing proper waste disposal methods and reporting requirements.

## 14. TRANSPORT INFORMATION

**UN/Id No:** No information available

**DOT:**  
Not regulated for transport

**TDG (Canada):**  
Not regulated for transport

**IMDG/IMO:**  
Not regulated for transport

**ADR/RID:**  
Not regulated for transport

**ICAO:**  
Not regulated for transport

## 15. REGULATORY INFORMATION

### International Inventories

**U.S. E.P.A. TSCA:** All components in this product appear on the E.P.A.TSCA Inventory.  
**Canada DSL & NDSL** All components in this product appear on the DSL or NDSL.

### U.S. Regulations

The following information pertains to the product:

Components	CERCLA/SARA 302 TPQ:	CERCLA/SARA 312:	CERCLA/SARA 313:
<i>1H-ISOINDOLE-1,3(2H)-DIONE,2,2'-(1,2-ETHANEDIYL)</i> 32588-76-4 (30 - 40)		1.0 Deminimus	
ARSENIC 7440-38-2 (0 - 1)		0.1 Deminimus	= 0.1 percent de minimis concentration
ANTIMONY OXIDE 1309-64-4 (10 - 20)		1.0 Deminimus	= 1.0 percent de minimis concentration = 1.0 percent de minimis concentration (Chemical Category N010)
LEAD OXIDE (PbO2) 1309-60-0 (0 - 1)		0.1 Deminimus	= 100 lb Reporting Threshold (Chemical Category N420, PBT Chemical) = 100 lb Reporting Threshold (PBT Chemical)
ZINC STEARATE 557-05-1 (0 - 1)		1.0 Deminimus	= 1.0 percent de minimis concentration (Chemical Category N982) = 1.0 percent de minimis concentration (only fume or dust)

The following information pertains to the components:

Components	MARTK:	NJRTK:	PARTK:
ARSENIC 7440-38-2	carcinogen; extraordinarily hazardous	sn 0152	environmental hazard; special hazardous substance (any compound of this substance is also an environmental hazard)
ANTIMONY OXIDE 1309-64-4	[present]	sn 0141 sn 0149	environmental hazard environmental hazard (any compound of this substance is also an environmental hazard)
LEAD OXIDE (PbO2) 1309-60-0	[present] teratogen	sn 1096 sn 1104	environmental hazard (any compound of this substance is also an environmental hazard)

ZINC STEARATE 557-05-1	[present]	sn 2021 (dust and fume)	environmental hazard environmental hazard (any compound of this substance is also an environmental hazard)
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ANTIMONY OXIDE - 1309-64-4

**California Proposition 65** - carcinogen; initial date 10/1/90

LEAD OXIDE (PbO<sub>2</sub>) - 1309-60-0

**California Proposition 65** - carcinogen; initial date 10/1/92  
developmental toxicity; initial date 2/27/87  
female reproductive toxicity; initial date 2/27/87  
male reproductive toxicity; initial date 2/27/87

### Canada

Components	Canada - WHMIS: Classifications of Substances	Canada - Ingredient Disclosure
ARSENIC 7440-38-2 (0 - 1)		0.1%; English Item 130; French Item 266
ANTIMONY OXIDE 1309-64-4 (10 - 20)	D1B; D2A	1%; English Item 121; French Item 250 1%; English Item 122; French Item 251 1%; English Item 126; French Item 1691
LEAD OXIDE (PbO <sub>2</sub> ) 1309-60-0 (0 - 1)	C; D2B D2A	0.1%; English Item 937; French Item 1435
ZINC STEARATE 557-05-1 (0 - 1)	B4; D2B D2B	1%; English Item 1725; French Item 1504

## 16. OTHER INFORMATION

**Prepared by:** Health & Safety

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