



## 4. First aid measures

<b>Eye contact</b>	In case of contact with the eyes, rinse eyes with plenty of water. Remove contact lenses, if present and easy to do. Consult a doctor or physician if eye irritation persists.
<b>Skin contact</b>	No hazards anticipated from skin contact during normal use. Wash with soap and water after handling. Seek medical attention if contact with molten material causes thermal burns.
<b>Inhalation</b>	Inhalation is not anticipated during normal use. If exposed to fumes from burning material, move the exposed person to fresh air. If breathing is difficult, properly trained personnel may assist the affected person by administering oxygen. Get medical attention if breathing difficulties persist.
<b>Ingestion</b>	No specific hazards expected from ingestion. Wash mouth out with water. Seek medical attention if large quantities are ingested.
<b>Notes to physician</b>	Treat symptomatically.

### Potential acute health effects

<b>Inhalation</b>	None anticipated under normal conditions of use.
<b>Ingestion</b>	May cause gastrointestinal irritation or nausea.
<b>Skin</b>	None anticipated under normal conditions of use.
<b>Eyes</b>	None anticipated under normal conditions of use.

### Potential chronic health effects

<b>Chronic effects</b>	None anticipated under normal conditions of use.
<b>Carcinogenicity</b>	This product contains Carbon Black (CAS # 1333-86-4) which is classified as possibly carcinogenic to humans by IARC (IARC Group 2B) via inhalation. This is not a relevant route of exposure during normal use of this product.
<b>Developmental effects</b>	None known.
<b>Fertility effects</b>	None known.
<b>Target organs</b>	None known

### Over-exposure signs/symptoms

<b>Inhalation</b>	Exposure to fumes from burning material may cause irritation of the respiratory tract and mucous membranes.
<b>Ingestion</b>	Irritation, nausea
<b>Skin</b>	Exposure molten material may cause thermal burns.
<b>Eyes</b>	Irritation
<b>Medical conditions aggravated by over-exposure</b>	None known.

See section 11 for more detailed information on health effects and symptoms.

## 5. Fire-fighting measures

<b>Flammability properties of the product</b>	<b>Flash Point:</b> >300°C (> 572°F) <b>Flash Point Method Used:</b> Pinsky-Martens Closed Cup (ASTM D-93) <b>Flammable Limits in Air (Lower - % by volume):</b> Not Determined <b>Flammable Limits in Air (Upper - % by volume):</b> Not Determined
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### Extinguishing media

<b>Suitable</b>	Water, dry extinguishing media, carbon dioxide, alcohol foam, polymer foam
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<b>Not suitable</b>	High-Pressure Water Spray (may spread burning material).
<b>Special exposure hazards</b>	None known.
<b>Hazardous combustion products</b>	Carbon Monoxide, Carbon Dioxide, Acrolein, other aldehydes.
<b>Unusual Fire and Explosion Hazards</b>	Product may generate static electricity. Use caution if flammable materials are used in the work area.
<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment, including self-contained breathing apparatus and turn-out gear.

## 6. Accidental release measures

<b>Personal precautions</b>	No action shall be taken involving any personal risk or without suitable training. Clear area. Ensure adequate ventilation. Put on appropriate personal protective equipment if fire conditions are present.
<b>Environmental precautions</b>	Avoid release to the environment.
<b>Spill Response</b>	Contain and collect. Properly dispose of any solid waste.

## 7. Handling and storage

<b>Handling</b>	Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Avoid breathing fumes from fire or thermal decomposition. Avoid contact with eyes. Avoid tasting or swallowing. Wash thoroughly after handling.
<b>Storage</b>	Store at ambient conditions in a dry place away from heat and direct sunlight. Store in accordance with all local and government regulations.

## 8. Exposure controls/personal protection

CAS Number	Chemical Identity	Exposure Limits				
		ACGIH		OSHA		Other
		TWA	STEL	PEL	STEL	
24937-78-8	Ethylene Vinyl Acetate Copolymer	N.E.	N.E.	N.E.	N.E.	N.E.
1333-86-4	Carbon Black (limits as total dust)	3.5 mg/m <sup>3</sup>	N.E.	3.5 mg/m <sup>3</sup>	N.E.	3.5 mg/m <sup>3</sup> (Canada)

<b>Recommended monitoring procedures</b>	If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment.
<b>Engineering measures</b>	Use with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.
<b>Hygiene measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations are located in the work area.
<b>Respiratory</b>	Generally not required during normal handling of this product. Use a properly fitted, air-purifying or air-supplied respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

<b>Eyes</b>	Safety glasses with side-shields are recommended.
<b>Skin</b>	Protective gloves should be used when heat processing (thermal welding) this material. Personal protective equipment for the body should be selected based on the task being performed and the risks involved. To avoid thermal burns when heat processing (thermal welding), wear cotton pants and cotton shirt with long sleeves.

## 9. Physical and chemical properties

<b>Form</b>	Sponge-like foam
<b>Color</b>	Gray
<b>pH</b>	Not determined
<b>Boiling point</b>	Not determined
<b>Freezing/Melting Point</b>	Does not melt - softens markedly at 80-110°C
<b>Specific gravity</b>	0.035 g/cm <sup>3</sup>
<b>Vapor pressure</b>	Not determined
<b>Odor threshold</b>	Slight; nearly odorless
<b>Solubility in water</b>	Insoluble
<b>Evaporation rate</b>	Not Determined
<b>Vapor density</b>	Not Determined

## 10. Stability and reactivity

<b>Stability</b>	The product is stable. Hazardous polymerization will not occur.
<b>Conditions to avoid</b>	Contact with fire or sources of ignition. Decomposes above 300°C (572°F).
<b>Materials to avoid</b>	Incompatible with the following materials: Strong oxidizers.
<b>Other hazards</b>	None known.
<b>Hazardous decomposition products</b>	Thermal decomposition products may include the following materials: Carbon Monoxide, Carbon Dioxide, Acrolein, other aldehydes.

## 11. Toxicological information

<b><u>Acute toxicity</u></b>	Not classified. Not anticipated to present toxicity concerns.
<b><u>Skin corrosion / irritation</u></b>	Not classified. Not anticipated to cause irritation.
<b><u>Eye damage / eye irritation</u></b>	Not classified. Contact with eyes may cause mild eye irritation.
<b><u>Sensitization</u></b>	Not classified
<b><u>Carcinogenicity Classification</u></b>	
	IARC      Not listed
	NTP      Not listed
	OSHA     Not regulated as a carcinogen
	EU        Not classified

## 12. Ecological information

<b>Environmental effects</b>	
<b><u>Ecotoxicity</u></b>	No information available. Acute and chronic ecotoxicity is very low.
<b><u>Biodegradability</u></b>	Not readily biodegradable.
<b><u>Additional Information</u></b>	Material is inert and insoluble in water.

## 13. Disposal considerations

**Waste disposal** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, must at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled / scrap material.

## 14. Transport information

The data provided in this section is for information only and may not be specific to each package size or mode of transport. Apply the appropriate regulations to properly classify your shipment for transportation.

### International transport regulations

Regulatory information	UN/NA number	Proper shipping name	Classes/*PG	Reportable Quantity (RQ)
CFR	N/A	Not dangerous goods	N/A	N/A.
TDG	N/A	Not dangerous goods	N/A	N/A.
IMO/IMDG	N/A	Not dangerous goods	N/A	N/A.
IATA	N/A	Not dangerous goods	N/A	N/A.

\*PG : Packing group

## 15. Regulatory information

### US regulations

**HCS Classification** When used for its intended purpose, this material is not classified as hazardous in accordance with OSHA 29CFR 1910.1200 or Regulation (EC) No 1272/2008.

### **U.S. Federal regulations**

**SARA Title III, Section 311/312 Classification**  
None

**SARA Title III, Section 313 - Supplier Notification**

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986, and Subpart C-Supplier Notification Requirement of 40 CFR Part 372.

No chemicals present above the *de minimus* limit.

**CERCLA RQ:** None

**SARA Section 302 Extremely Hazardous Substances**

None required.

### **State regulations**

**Massachusetts RTK Substances**

None

**New Jersey RTK Hazardous Substances**

None

**Pennsylvania RTK Hazardous Substances**

None

**California Prop. 65:** WARNING: This product contains the following chemical(s) known to the State of California to cause cancer:

None

**California Prop. 65:** WARNING: This product contains the following chemical(s) known to the State of California to be a reproductive toxin:

None

**International regulations**

**Chemical inventories**

United States inventory (TSCA 8b) - All components are listed or exempted.  
Europe REACH – All components are REACH compliant.

**16. Other information**

**Hazardous Material  
Information System III  
(U.S.A.)**

Health: 0  
Flammability: 0  
Physical hazards: 0  
Personal Protection: X

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. HMIS® ratings are to be used with a fully implemented HMIS® program.

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