

Section 1 Identification

Product identifiers

Product names: Mia Color Paste Gray

Relevant identified uses

Pigment for polyesters – Industrial use only

Details of the supplier of the safety data sheet

Freeman Manufacturing & Supply Company

1101 Moore Road, Avon, OH 44011

Phone: (440) 934-1902

Email: contactus@freemansupply.com

24 Hour Emergency Phone Number

CHEMTREC: (800) 424-9300

Section 2 Hazards Identification

GHS Classification in accordance with 29 CFR 1910.1200 (OSHA HCS)

Flammable Liquid, Category 4

Carcinogen, Category 2

GHS Label elements, including precautionary statements



Warning

Hazard statements

H227 Combustible liquid.

H351 Suspected of causing cancer.

Precautionary statements

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P281 Use personal protective equipment as required.

P405 Store locked up.

P501 Dispose of contents/container to in accordance with local/regional/national/international regulations.

P201 Obtain special instructions before use.

P308+P313 IF exposed or concerned: Get medical advice/attention.

Other Potential Hazards

52% of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Weight %
Titanium oxide	13463-67-7	30 - 60
Benzoic acid	65-85-0	1 - 5
Styrene	100-42-5	1 - 3

Section 4 First Aid Measures

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Ingestion: If ingested, consult a physician.

Inhalation: Give oxygen or artificial respiration if needed. Remove person to fresh air. If signs/symptoms continue, get medical attention.

Skin Contact: Wash with soap and water. Remove contaminated clothes and shoes. Get medical attention if irritation develops.

Section 5 Fire-Fighting Measures

Suitable Extinguishing media: Water fog, alcohol-resistant foam, dry chemical or carbon dioxide.
Special hazards arising from the substance or mixture: Nature of decomposition products not known.
Advice for firefighters: Wear self-contained breathing apparatus for firefighting if necessary.
Further information: Vapors may be ignited by heat, flame, or other ignition sources.

Section 6 Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Only properly protected personnel should remain in the spill area. Avoid breathing vapors.

Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and material for containment and cleaning up

Use non-sparking tools and equipment. Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Dike to prevent entering any sewer or waterway. Transfer liquid to a holding container. Evacuate personnel to safe areas. Remove all sources of ignition. Ensure adequate ventilation. Avoid breathing vapors or mists.

Section 7 Handling and Storage

Precautions for safe handling

Wear personal protective equipment. Avoid contact with skin, eyes, and clothing. Wash contaminated clothing before reuse. Do not breathe fumes or vapor.

Conditions for safe storage, including any incompatibilities

Store and dispose according to national, state and local regulations. Keep container closed when not in use. Store contents under 100°F (37.8°C). No known chemical incompatibilities.

Section 8 Exposure Controls/Personal Protection

Components with workplace control parameters

Chemical Name	ACGIH TLV-TWA	ACGIH-TLV STEL	OSHA PEL-TWA	OSHA CEILING
Styrene	10 ppm	20 ppm	100 ppm	200 ppm

Appropriate Engineering Controls

Local ventilation is acceptable. Change contaminated clothing. Wash hands after working with product.

Personal protective equipment

Eye/face protection: Wear chemical-resistant glasses and/or goggles when eye and face contact is possible due to splashing or spraying of material.

Skin protection: Use disposable nitrile gloves. Contaminated gloves should be replaced. Wear chemical resistant footwear and clothing such as gloves, an apron or a whole body suit as appropriate.

Respiratory protection: Use a properly-fitted, air-purifying or air-fed 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. When concentrations exceed the exposure limits specified, use of a NIOSH-approved dust, mist and fume respirator is recommended. Where the protection factor of the respirator may be exceeded, use of a full face piece, supplied air, or Self Contained Breathing Apparatus (SCBA) may be necessary.

General hygienic practices

Avoid breathing vapor or mist. Avoid contamination of food, beverages, or smoking materials. Wash thoroughly after handling, and before eating, drinking or smoking. Remove contaminated clothing promptly and clean thoroughly before reuse.

Section 9 Physical and Chemical Properties

Appearance	Gray liquid/paste
Odor	Moderate ester
Odor Threshold	No data available
pH	No data available
Melting Point	No data available
VOC Content	No data available
Boiling Range	300°C
Flash Point	76°C
Evaporation Rate	No data available
Flammability	No data available
Upper/lower flammability	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density (g/cm³)	1.80 – 1.95
Water Solubility	No data available
Coefficient: n-octanol/ water	No data available
Auto-ignition temperature	No data available
Viscosity	No data available
% Volatile	No data available

Section 10 Stability and Reactivity

Reactivity: No data available.

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: Hazardous polymerization will not occur.

Conditions to avoid: Heat and extended storage. Burning may produce obnoxious fumes.

Incompatible materials: Water

Hazardous decomposition products: Thermal oxidative decomposition can produce acid vapors, carbon monoxide, carbon dioxide.

Section 11 Toxicological Information

Effect of overexposure

Eye contact: May cause mild irritation. Symptoms may include stinging, tearing, and redness.

Ingestion: May cause severe gastrointestinal disturbance with headache, nausea, vomiting and diarrhea.

Inhalation: Inhalation may cause irritation to the respiratory tract (nose, mouth, mucous membranes). Inhalation of high concentrations may cause headache, nausea, and dizziness. Prolonged, repeated or high exposures may cause central nervous system depression leading to headaches, nausea, drowsiness, dizziness, and possibly narcosis. In extreme cases, may cause loss of consciousness.

Skin contact: Prolonged or repeated contact can cause slight skin irritation, reddening, and swelling.

Chronic Hazards: Prolonged or repeated exposure may cause liver and kidney effects. Repeated or prolonged exposure may cause central nervous system damage. Prolonged skin contact may defat the skin and produce dermatitis.

Carcinogenicity

This product contains Titanium dioxide, which is listed by IARC as possibly carcinogenic to humans (Group 2B). This listing is based on inadequate evidence of carcinogenicity in humans and sufficient evidence in experimental animals. This classification is relevant when exposed to titanium dioxide in dust or powder form only, including cured product that is subject to sanding, grinding, cutting, or other surface preparation activities.

This product contains styrene classified by the International Agency for Research on Cancer (IARC) as 2A carcinogen, and is listed in the NTP report on carcinogens.

Section 11 Toxicological Information

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components below:

CAS Number	Ingredient	Oral LD50	Dermal LD50	Inhalation LC50
13463-67-7	Titanium dioxide	>10000 mg/kg Rat	No Information	No Information
100-42-5	Styrene	5000 mg/kg Rat	2000 mg/kg Rat	11.8 mg/L Rat
65-85-0	Benzoic acid	1700 mg/kg Rat	>10000 mg/kg Rabbit	No Information

Section 12 Ecological Information

Ecotoxicity	No data available
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available
Results of PBT & vPvB assessment	No data available

Section 13 Disposal Considerations

Contact a licensed waste disposal contractor. Dispose of material in accordance with the requirements of environmental protection and waste disposal legislation, and any regional local authority requirements.

Section 14 Transport Information

Not regulated by DOT, IATA, or IMDG

Section 15 Regulatory Information

Inventories

Australia inventory (AICS): All components are listed or exempted
 Canada inventory (DSL): One or more components are not on the DSL
 Canada inventory (NDSL): One or more components are on the NDSL
 Japan Inventory (ENCSC): Not listed
 China Inventory (IECSC): Not listed
 Korea Inventory (KECI): All components are listed or exempted
 New Zealand (NZIoC): All components are listed or exempted
 Philippines (PICCS): Not listed
 United States Inventory (TSCA 8b): All components are listed or exempted

US Federal Regulations

Superfund Amendments and Reauthorization Act of 1986 (SARA) 311/312 Hazards: None
 SARA 302 EHS: None present or none present in regulated quantities.
 SARA 313 (TRI Reporting): None present or none present in regulated quantities.

California Proposition 65: ⚠️ **WARNING:** This product can expose you to chemicals including Styrene and Benzene, which are known to the State of California to cause cancer, birth defects, or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Section 16 Other Information

Canadian Hazardous Products Regulations (HPR)

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all the information required.

Section 16 Other Information

Disclaimer

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Previous Revision Date: November 7, 2018