Safety Data Sheet

Grey 4000 Series Color Paste

Section 1 : Identification	
Product name : Color paste Grey 4000 Series color paste	**Others means of identification :** Color paste
Recommended use of the chemical and restrictions on use : Polyester colorant formulated to be used in composites and fiberglass industry.	**Manufacturers:** **Québec** Polynt Composites Canada Inc. 2650, rue Thérèse Casgrain Drummondville Québec Canada, J2A 4J5 Tel : (819) 477-4516 **Ontario** Polynt Composites Canada Inc. 29, Regan Road Brampton Ontario, Canada, L7A 2B2 Tel: (905) 495-0606
EMERGENCY PHONE NUMBER (24h) Canutec : 613-996-6666	

Section 2 : Hazard Identification				
Classification of the substance	**Pictograms**	**Signal words**	**Hazard statement**	**Precautionary statement**
Combustible Category 4	N.A.	WARNING	**H227** Combustible liquid	**P210** Keep away from heat/sparks/open flames/hot surface. No smoking. **P233** Keep container tightly closed. **P235** Keep cool. **P240** Ground/Bond container and receiving equipment. **P242** Use only non-sparkling tools. **P243** Take precautionary measures against static discharge.
Category 2		WARNING	**H315** Causes skin irritation **H319** (dust) Causes eye irritation	**P352 P302** Wash skin with soap and water. **P352 P302** Wash skin with soap and water. **P310** Seek a doctor. **P337** If irritation persists: seek medical advice.
Category 2		WARNING	**H351** (dust) Suspected of causing cancer	**P201** Obtain special instruction before use. **P202** Do no handle until all safety precautions have been read and understood. **P260** Do not breathe dust/fumes/gas/mist/vapours/sprays **P264** Wash handa thoroughly after handling. **P270** Do not eat, drink or smoke when using this product. **P272** Contaminated work clothing should not be allowed out of the workplace. **P280** Wear protective gloves/clothing and personal protective equipement. **P284** Wear respiratory preotection.
WHMIS symbols			**Other hazards**	Titanium dioxide has been recently listed by IARC as possibly carcinogenic to humans (group 2B) This listing is based on inadequate evidence of carcinogenic in humans and sufficient evidence in experimental animals.

Section 3 : Composition /Information on ingredients		
Chemical identity of the substance	**CAS Number**	**Percentage (%)**
Styrene	100-42-5	1-5
Titanium dioxide	13-463-67-7	50-60

Section 4 : First-aid measures	
Inhalation	Remove victim to fresh air, give artificial respiration or give oxygen. Call a physician immediately.
Eye contact	Rinse immediately with plenty of water for at least 15 minutes. Remove contact lenses if applicable. Diphoterine type solutions can replace water. A constant feeling of sand grain or persistent redness requires specialized medical advice. Call a physician.
Skin contact	Wash with soap and water. Remove contaminated clothing. If irritation develops, consult a physician. Treat severe redness by Biafine type products. .
Ingestion	Do not induce vomiting, rinse mouth. Consult a physician.

Section 5 : Fire-fighting measures

Suitable extinguishing media : foam, carbon dioxyde, dry chemicals**.**

Specific hazards arising from the chemical : On combustion, styrene releases carbon, carbon monoxide and carbon dioxide.

Special protective actions for fire-fighter : Full protective equipment including self-contained breathing apparatus should be used. . Water may be used to cool closed containers to prevent pressure build-up and possible auto-ignition or explosion when exposed to extreme heat.

Section 6 : Accidental release measures

Personal precautions, protective equipment and emergency procedures :
Remove all sources of ignition (flames, hot surfaces and electrical, static, or friction sparks). Avoid breathing vapours. Ventilate area. Attention ! Contaminated absorbent or used absorbent may heat and ignite a fire. Keep it outside and put some water in the container. Use personnal protection. See section 8.

Environmental precautions : Keep contaminated water far from sewer (Fire-explosion risk) When there is a spill, in presence of water, the styrene will float because specific gravity is lower than water. Styrene is weakly soluble in water. However, styrene has specific gravity lower than 1.

Methods and materials for containment and cleaning up: Contain and remove with inert absorbent and non-sparking tools.

Section 7 : Handling and Storage

Precautions for safe handling :
Do not store above 100°F (37.8°C). Keep away from heat, sparks and flame. Keep containers closed when not in use and upright to prevent leakage**.** Wash hands after using and before smoking or eating.

Conditions for safe storage :
Containers should be grounded when pouring. Wash hands after using and before smoking or eating. Emptied containers may retain hazardous residue and explosive vapours. Keep away from heat, sparks and flames. Do not cut, puncture or weld on or near emptied containers. Follow all hazard precautions given in this data sheet until container is thoroughly cleaned or destroyed. Do not mix residues of this product with any other petroleum wastes. For industrial use and professional application only. ep out of reach of children.

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Section 8 :	Exposure controls/ personal protection
Individual protection measures, such as personal protective equipment (PPE)	
Respiratory protection : Wear a cartridge or autonomous respirator if the concentration in ppm exceeds recommended exposure standard. These devices, however, require that the user has received appropriate training.	**Skin protection :** Wear long-sleeved overalls or coveralls. **Gloves:** Wear gloves of butyl or nitrile. **Eye/face protection :** Use safety eyewear with splash guards or side shields, chemical goggles or face shields.

Section 9 :	Physical and chemical properties		
Physical properties			
Appearence	grey viscous liquid		
Odour	aromatic		
Viscosity	N/D		
Chemical properties			
Relative density g/cm cube	1.1 à 1.3	**Flash point** Pensky-Marten (closed cup)	70°C Category 4 Combustible liquid

Section 10 :	Stability and reactivity
Reactivity	The product is not considered self-reactive
Possibility of hazardous reactions	Hazardous polymerization : may occur with an exothermic reaction or if in a fire.
Chemical stability	Unstable under certain conditions.
Conditions to avoid	Elevated temperatures.
Incompatible materials	oxidizers, peroxides, strong acids
Hazardous decomposition products	acid vapors, carbon dioxide and carbon monoxide.

Section 11 :	Toxicological information
Information on the likely routes of exposure : Can be absorbed through the respiratory, digestive, skin and eyes.	
Chronic exposition effects : Can cause damage to the brain and nervous system such as dizziness, headache and nausea, if continuous exposure.	
Irritation : May cause lesions to skin, redness and pain in eyes.	
Sensitization: May rarely cause occupational asthma. Skin sensitization is also very rare.	
Carcinogenicity : non classified	
Reproductive toxicity : N.D.	
Mutagenicity : N.D.	
Interactive effects: N.D.	

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Section 12 :	Ecological information				
Acute aquatic toxicity	Seaweed (Scenesdesmus capricornutum) : CEc50	Micro-shellfish (Daphnia magna) : CE50	Fish (Pimephales promelas) : CL50	Bacteria (Pseudomonas fluorescens) : NOEC	Annelides (Eisenia foetida) : CL50
Chronic aquatic toxicity	N.D				
Terrestrial toxicity	N.D.				

Section 13 :	Disposal considerations
Disposal methods	Dispose of in accordance with local, provincial and federal regulations. Do not incinerate closed containers. Incinerate in approved facility. Liquid residue must be treated as hazardous waste and disposed in accordance with environmental regulations.

Section 14 :	Transport information
Proper Shipping Name	N.A.
Placard	N.A.
Transport hazard class(es)	N.A.
UN Number	N.A.
Packing Group	N.A.
Environmental hazards	Not considered as a marine pollutant
Transport in bulk	N.A.
Maximum quantity we can ship considering limited quantity exemption Article 1.17 of Canadian TDG Regulation	N.A.

Section 15 : Regulatory information

W.H.M.I.S. CLASSIFICATION	Category 4
NFPA CLASSIFICATION (NFPA 30-2008)	Combustible II
National Building Code of Canada	II

Section 16 : Other information

The information contained in this data sheet is given only as a guide. This data sheet had been prepared in good faith using reliable sources. From our point of view, the information is correct, but not guaranteed. The data sheet is non-exclusive as manipulation and use can vary from one application to another. There is no guarantee and Polynt Composites will not be responsible for losses, faults or damages resulting of the use of the information given in this data sheet.

Last revision : November 18th, 2015

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