

# MATERIAL SAFETY DATA SHEET

**Trade Name:** SILVER GREY COLOUR PIGMENT

**Chemical Family:** Unsaturated Polyester Resin

**Formula:** N/A

**Manufacturer:** ASHLAND  
P.O. Box 2219  
Columbus, OH 43216

**Supplier:** COAST FIBER-TEK  
1306 Boundary Road  
Burnaby, BC V5K 4T6  
Tel.# (604) 294-8116

**Emergency Phone #'s:** 1-800-274-5263

**Transportation EMG. Phone #** CANUTEC

(613) 996-6666

(604) 930-0650

## **HAZARDOUS INGREDIENTS:**

**Silica Amorphous (SiO<sub>2</sub>):** >=5-<10% CAS # 7631-86-9

**Carbon Black:** >=0.1-<0.5% CAS # 1333-86-4

**Aluminum Oxide (Al<sub>2</sub>O<sub>3</sub>):** >=1.5-<5% CAS # 1344-28-1

**Titanium Dioxide (TiO<sub>2</sub>):** >=50-<60% CAS # 13463-67-7

**Zirconium Oxide** >=1-<1.5% CAS # 1314-23-4

### Exposure Limits:

**Silica Amorphous (SiO<sub>2</sub>):** LD50 oral rat: 10,000mg/kg, LD50 dermal rabbit 5,000 mg/kg, LC50 inhl. Rat: 0.139 mg/l

**Carbon Black:** LD50 oral rat: 15,400mg/kg, LD50 dermal rabbit 3 mg/kg

**Titanium Dioxide (TiO<sub>2</sub>):** LD50 oral rat: 24,000mg/kg, LD50 dermal rabbit 10,000 mg/kg, LC50 inhl. Rat: 6,850 mg/l

## **PHYSICAL DATA:**

Appearance & Odour: Light grey paste no odour.

Vapour Pressure: N/A

Vapour Density: (Air = 1) >1

Solubility in Water: Nil

Specific Gravity: N/A

Evaporation Rate: Slower than ether

Boiling Point: N/A

Freezing Point: N/A

pH: N/A

## **FIRE & EXPLOSION DATA:**

Flashpoint & Method: >93.3°C (SCC)

Flammable Limits: N/A

Extinguishing Methods: Foam, Carbon Dioxide, Dry chemical, Water fog

Special Equipment & Procedures: Self contained breathing apparatus. Sensitive to static discharge.

## **REACTIVITY DATA:**

Conditions Contributing to Instability: Heat, open flame, and prolonged storage at elevated temperatures.

Incompatible Substances: Lithium, strong acids, strong bases, strong oxidizing agents

Hazardous Decomposition Products: May form carbon dioxide and carbon monoxide, toxic fumes, various hydrocarbons.

Hazardous Polymerization: Will not occur.

## **HEALTH HAZARDS DATA:**

**NOTE:** Health studies have shown that exposure to chemicals pose potential risks which may vary from person to person. Exposure to liquids, vapours, mists or fumes should be minimized.

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Silver Grey Colour Pigment - Pg 2

## **PRINCIPAL HEALTH HAZARDS:**

- Skin Contact:** May cause irritation including redness, burning, drying and cracking of skin, burns and other skin damage.
- Eye Contact:** Can cause eye irritation including stinging, tearing, redness and swelling of eyes.
- Ingestion:** Swallowing large amounts may be harmful.
- Inhalation:** Breathing of vapour or mist is possible. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.

## **FIRST AID PROCEDURES:**

- Skin:** Wash with soap and water. Remove contaminated clothing and launder before reuse.
- Eyes:** Flush gently with water while holding eyelids apart. If irritation persists seek medical attention.
- Ingestion:** Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on their left side with head down. Contact a physician, medical facility or poison control center for advice on whether to induce vomiting.
- Inhalation:** Remove to fresh air.

## **PREVENTIVE MEASURES:**

- Skin:** Always apply appropriate barrier cream to exposed skin. Wear impervious gloves (butyl rubber), coveralls and safety footwear.
- Eyes:** Chemical proof goggles or full face respirator if vapours cause eye irritation.
- Ingestion:** Wash thoroughly before consuming food stuffs.
- Inhalation:** Use only in well ventilated areas or use NIOSH approved respiratory protection with organic vapour cartridges.

## **CONTROL MEASURES & PRECAUTIONS**

Keep container tightly closed. Do not consume food, drink or tobacco in work area or material storage areas. Use caution and personal cleanliness to avoid skin and eye contact. Avoid breathing vapours of heated materials. Use paper covering absorbent wipes and suitable disposable containers in work area.

## **SPILL, LEAK & DISPOSAL METHODS**

**Review fire and explosion hazards and safety precautions before proceeding with clean up.** Restrict access to area. Contain spill to prevent liquid from entering sewers or waterways. Recover free liquid and use an absorbent material (i.e. sand, vermiculite) to soak up balance. Place in suitable container for disposal.

## **DISPOSAL METHOD**

Dispose only in a facility permitted to dispose of hazardous waste by Federal, Provincial and Municipal regulations.

## **SHIPPING INFORMATION**

- Shipping Name:**
- Hazard Class:** Non Regulated
- UN/PIN #:**
- Flashpoint:** >93.3°C
- WHMIS:** D2B

The information contained herein is based on data that we believe to be accurate. No warranty either expressed or implied is made. This information is offered solely for your consideration interpretation and information.

- Preparation Date:** September 1, 2000
- Prepared by:** Nigel Poore, 1306 Boundary Road, Burnaby, BC V5K 4T6
- Telephone #:** (604) 294-8116
- Revised Date:** January 5, 2016

N/A = Not Available