

# Safety Data Sheet

## Section 1. Identification

**Product Name:** Vinyl Compound - Plastisol

**Date Issued:** 1/2/2013

**Product Code:** LA-486 Black

**Manufacturer:**

Lakeside Plastics Inc.  
450 W 33<sup>rd</sup> Ave.  
Oshkosh, WI 54903

**Emergency Contact:**

920-235-3620

## Section 2. Hazard Identification

**Emergency Overview:** Resorcinol is corrosive to the eyes, may cause severe skin irritation or allergic skin reaction and may be harmful if absorbed through the skin. Because the primary route of exposure to antimony oxide is from airborne particulate, the form of this compound minimizes potential antimony oxide overexposure.

**Eye contact:** May be corrosive to the eyes.

**Skin contact:** Direct contact may cause irritation or allergic skin reaction and may be harmful if absorbed through the skin.

**Ingestion:** Can cause gastrointestinal irritation.

**Inhalation:** Not likely to cause irritation at ambient temperatures. Heating this material will cause fumes and vapors which can cause irritation of the respiratory tract. Overexposure to antimony oxide may cause dermatitis, rhinitis, inflammation of the upper and lower respiratory tract, gastritis, conjunctivitis and sepal perforation.

Caution: Based on rat inhalation studies, IARC concluded there is "sufficient evidence in experimental animals" to classify carbon black as "possibly carcinogenic to humans", (Group 2B). Carbon black is not classified as a carcinogen by OSHA, NTP or ACGIH.

## Section 3. Composition/ Information on Ingredients

Chemical	CAS #	% by weight	OSHA PEL	ACGIH TLV
Antimony oxide	1309-64-4	< 2.0	0.5 mg/m <sup>3</sup>	0.5 mg/m <sup>3</sup>
Carbon black	1333-86-4	0.1 – 0.5	3.5 mg/m <sup>3</sup>	3.5 mg/m <sup>3</sup>
Resorcinol	108-46-3	1.0 – 5.0	None	45.0 mg/m <sup>3</sup>
			None	90.0 mg/m <sup>3</sup> *

\* ACGIH STEL

## Section 4. First Aid Measures

**Eyes:** Flush with large amounts of water, holding eyelid open for 15 minutes. If irritation persists, seek medical attention.

**Skin:** Wash with soap and water or plain water for 15 minutes. If rash or irritation develops, seek medical attention.

**Inhalation:** Remove to fresh air.

**Ingestion:** Do not induce vomiting.

**Medical Conditions Aggravated by Exposure:** None known.

## Section 5. Fire Fighting Measures

**Flash Point:** > 200 deg F

**OSHA Flammability Classification:** Combustible Liquid- Class IIIB

**Extinguishing Media:** Dry chemical, carbon dioxide, foam.

**Special Firefighting Procedures:** Wear self-contained breathing apparatus.

**Unusual Fire and Explosion Hazards:** May generate HCl, oxides of carbon

## Section 6. Accidental Release Measures

**Action to be taken in case of release or spill:** Contain material and scoop up or soak up material with absorbent compound. Refer to federal and state hazardous waste regulations to determine proper disposal methods.

## Section 7. Handling and Storage

**Handling:** Keep away from heat and flames. Wear protective gloves and safety glasses. Do not weld or torch cut empty containers without local exhaust and/or respiratory protection.

**Storage:** Do not store at elevated temperatures; keep containers closed when not in use.

## Section 8. Exposure Controls/ Personal Protection

**Engineering Controls:** Provide sufficient mechanical ventilation to maintain exposure below exposure limits in Section 3.

**Respiratory Protective Equipment:** Not normally required however if local exhaust is insufficient to remove fumes or vapors generated during processing, NIOSH approved respirators may be necessary.

**Protective Gloves:** Rubber, neoprene or nitrile.

**Eye and Face Protection:** Industrial safety glasses or goggles if splashing into the eyes is a possibility.

**Other Protective Equipment:** Use chemical resistant apron or other impervious clothing, if needed, to avoid contaminating regular clothing which could result in prolonged or repeated skin contact. An emergency shower should be readily available.

**Ventilation:** Local exhaust is recommended.

## Section 9. Physical and Chemical Properties

**Boiling Range:** None

**Evaporation Rate:** Slower than butyl acetate

**Vapor Density:** Heavier than air.

**% Volatile by Weight:** < 2%

**Weight per Gallon:** Not determined.

## Section 10. Stability and Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur.

**Hazardous Decomposition Products:** Hydrogen chloride and oxides of carbon.

**Incompatibility:** Strong oxidizers.

**Conditions to Avoid:** Prolonged exposure to temperatures above 300 deg F.

## Section 11. Toxicological Information

**Toxicity Data:** Antimony oxide is listed by IARC as a Group IIB, suspect carcinogen.

**Eye Irritation:** 24 hour Rabbit; Corrosive

## Section 12. Ecological Information

**Ecotoxicological Information:** No data available.

## Section 13. Disposal Considerations

**Disposal Method:** Dispose of in accordance with local, state and federal regulations.

Consult federal and state regulations for proper disposal of antimony oxide compounds.

Resorcinol is a hazardous waste when it is discarded or intended to be discarded.

## Section 14. Transportation Information

**DOT Shipping Name:** Not regulated.

**DOT Hazard Class:** None

## Section 15. Regulatory Information

**TSCA Status:** All components of this compound are listed on the US TSCA Inventory.

**SARA Section 313 Toxic Chemicals:** Antimony oxide 1309-64-4 ? %

### **Superfund Reauthorization of 1986 Act Title III**

Requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR 355:

Resorcinol RQ 5000 lb

Antimony trioxide RQ 1000 lb

## Section 16. Other Information

**Disclaimer of Expressed and Implied Warranties:** The information in this document is believed to be correct as of the date issued. However, no warranty of fitness for any particular purpose, or any other warranty is expressed or is to be implied regarding the accuracy or completeness of this information, the results to be obtained from the use of this information or the product, the safety of this product, or the hazards related to its use. This information and product are furnished on the condition that the person receiving them shall make his own determination as to the suitability of the product for his particular purpose and on condition that he assume the risk of his use thereof.