

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product Name: Vinyl Compound – Platisol

Date Issued: 7/23/2009

Product Code: LB Series (See Section 16)

Manufacturer:

Lakeside Plastics Inc.
450 W 33rd Ave.
Oshkosh, WI 54903

TW Graphics
1175 Florida Central Parkway
Suite 3000
Longwood, Florida 32750
800-901-3051

Section 2. Composition Information

Chemical	CAS #	% by weight	OSHA PEL
Organic Peroxide	110-05-4	1.0 – 5.0	Not established
Cobalt 2-ethylhexanoate	136-52-7	0.08 – 0.11	0.1 mg/m ³
Titanium dioxide	13463-67-7	1.0 – 5.0	15 mg/m ³

Section 3. Hazard Identification

Emergency Overview: May cause severe irritation to the mouth, throat and lungs.

Overexposure to cobalt compounds may cause respiratory sensitization and an allergic skin rash. Cobalt compounds are possibly carcinogenic to humans per IARC.

Eye contact: May cause irritation.

Skin contact: May cause irritation.

Ingestion: May cause severe irritation to the mouth, throat and lungs or gastrointestinal irritation and a sensation of hotness.

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.

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. Never give anything by mouth to an unconscious person.

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, carbon monoxide, carbon dioxide.

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. See Section 13 for 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 or in direct sunlight. Keep containers closed when not in use.

Section 8. Exposure Controls/ Personal Protection

Engineering Controls: Provide sufficient mechanical ventilation to maintain exposure below TLV's.

Respiratory Protective Equipment: If OSHA PEL is exceeded or 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.

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

Vapor Density: Heavier than air.

Evaporation Rate: Slower than butyl acetate

% Volatile by Weight: Less than 2%

Weight per Gallon: 10.5 – 12.7 lb

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: IARC states that cobalt compounds are possibly carcinogenic to humans.

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.

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:

Cobalt compounds N096 0.08 – 0.11% by weight

16. Other Information

Compounds covered by this MSDS:

LB150 Blue Gray *
LB230 Bright Scarlet +
LB240 Scarlet +
LB340 Burnt Orange *
LB405 Bright Gold *
LB410 Gold *
LB430 Light Gold *
LB470 Lemon *
LB650 Columbia Blue *

* Contains all three chemicals and at levels listed in Section 2

+ Contains organic peroxide and cobalt at levels listed in Section 2

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