

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product Name: Vinyl Compound - Plastisol
Product Code: HO Series (See Section 16)

Date Revised: 7/23/2009

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 TWA
Carbon black	1333-86-4	0.1 – 2.0	3.5 mg/m ³
Titanium dioxide	13463-67-7	1.0 – 40.0	15 mg/m ³

Section 3. Hazard Identification

Emergency Overview: Overexposure may cause coughing, sore throat, eye irritation or chronic bronchitis.

Eye contact: May cause mild irritation.

Skin contact: Direct contact over a prolonged period may cause irritation.

Ingestion: Can cause gastrointestinal irritation.

Inhalation: Airborne concentrations of carbon black above limits listed above may cause temporary discomfort to the upper respiratory tract and may aggravate an existing respiratory condition such as bronchitis or asthma. Heating this material will cause fumes and vapors which can cause irritation of the respiratory tract.

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, nor ACGIH.

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 and 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 and 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: 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.

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: < 2.0%

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: Carbon black is listed by IARC as a Group 2B, suspected carcinogen.

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: None

Section 16. Other Information

Compounds covered by this MSDS:

HO040 Neutral HO	HO595 Turquoise *
HO100 Black +	HO610 Navy
HO110 Soft Black +	HO620 Royal
HO150 Blue Gray *	HO625 Light Royal *
HO170 Silver Gray *	HO630 Bright Blue *
HO219 Candy Red *	HO642 Cyan *
HO220 Bright Red *	HO650 Columbia Blue *
HO230 Bright Scarlet	HO720 Violet *
HO240 Scarlet	HO725 Cerise
HO275 Cardinal	HO745 Grape
HO280 Maroon	HO750 Purple *
HO340 Burnt Orange *	HO810 Dark Brown +
HO360 Orange *	HO825 Brown *+
HO405 Bright Gold *	HO860 Texas Orange *
HO410 Gold *	HO920 Flo Red
HO430 Light Gold *	HO925 Flo Pink
HO430-C Gray *+	HO930 Flo Orange
HO470 Lemon *	HO940 Flo Yellow
HO550 Dallas Green *	HO950 Flo Green
HO560 Kelly Green *	HO960 Flo Blue
HO580 Dark Green *	HO970 Flo Purple
HO590 Dolphin Aqua *	HO975 Flo Magenta

* Contains titanium dioxide at levels listed in Section 2

+ Contains carbon black at levels listed in Section 2

*+ Contains titanium dioxide and carbon black at levels listed in Section 2

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