

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product Name: Vinyl Compound - Plastisol

Date Revised: 7/23/2009

Product Code: HS 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 TWA
Carbon black	1333-86-4	0.1 – 2.0	3.5 mg/m ³
Titanium dioxide	13463-67-7	1.0 – 35.0	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 and 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. 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:

HS030 Neutral	HS625 Light Royal *
HS065 Clear Coat	HS630 Bright Blue *
HS100 Black +	HS642 Cyan *
HS220 Bright Red *	HS825 Brown *
HS240 Scarlet	HS860 Texas Orange *
HS275 Cardinal	HS920 Fluor Red
HS405 Bright Gold *	HS925 Fluor Pink
HS410 Gold *	HS930 Fluor Orange
HS430 Light Gold*	HS940 Fluor Yellow
HS470 Lemon *	HS950 Fluor Green
HS550 Dallas Green *	HS960 Fluor Blue
HS560 Kelly Green *	HS970 Fluor Purple
HS580 Dark Green*+	HS975 Fluor Magenta
HS610 Navy	HS2000 Puff Neutral
HS620 Royal	

* Contains titanium dioxide at levels listed in Section 2

+ Contains carbon black at levels listed in Section 2

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