



# Material Safety Data Sheet

Protective Clothing	HCS	DOT
		

## Section I. Product Identification and Uses

Common/Trade name	<b>50471 Vtwin Orange</b>	CI#	Not available.
Synonyms	Not applicable	TSCA	Not listed
Chemical name	Proprietary Composite Material	CAS#	Not applicable.
Chemical formula	See section II	Code	Not applicable.
Chemical family	See section II	Molecular weight	Not applicable.
Distributed by	The Easthill Group dba/ The Eastwood Company 263 Shoemaker Road Pottstown, PA 19464 USA & Canada: 800-345-1178 Outside USA: 610-323-2200 Emergency Contact: Chem-Trec 800-424-9300	Manufactured for	The Easthill Group dba/ The Eastwood Company 263 Shoemaker Road Pottstown, PA 19464 USA & Canada: 800-345-1178 Outside USA: 610-323-2200 Emergency Contact: Chem-Trec 800-424-9300
Material uses	Powder Coating		

## Section IA. First Aid Measures

Eye contact	Contact may cause eye irritation. Flush with plenty of water for at least 15 minutes, occasionally lifting the eyelids.
Skin contact	This product may irritate eyes and skin upon contact. Wash gently and thoroughly the contaminated skin with running water and non-abrasive soap. If irritation persists, seek medical attention.
Hazardous skin contact	No additional information.
Slight inhalation	Over-exposure by inhalation may cause respiratory irritation. Allow the victim to rest in a well ventilated area. Seek medical attention.
Hazardous inhalation	No additional information.
Slight ingestion	Have conscious person drink several glasses of water or milk. DO NOT induce vomiting. Never give an unconscious person anything to ingest. Seek medical attention.
Hazardous ingestion	No additional information.

## Section II. Hazardous Ingredients

Name	CAS #	% by Weight	TLV/PEL	LC <sub>50</sub> /LD <sub>50</sub>
1) Barium Sulfate	7727-43-7	10 - 30	TWA: 10 (mg/m <sup>3</sup> ) from ACGIH (TLV) [United States] Total. TWA: 5 (mg/m <sup>3</sup> ) from OSHA (PEL) [United States] Respirable. TWA: 10 mg/m <sup>3</sup> ACGIH (TLV) [United States]	ORAL (LD50): Acute: 15000 mg/kg [Rat].
2) Titanium dioxide	13463-67-7	1 - 5		LD50/oral/rat > 7500 mg/kg

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**Section III. Physical Data**

Physical state and appearance	Solid (powder)	Odor	Not available.
pH (1% soln/water)	Neutral.	Taste	Not available.
Odor threshold	Not available.	Color	Orange.
Volatility	Not available.		
Melting/Sublimation point	Not available.		
Boiling/Condensation point	Not available.		
Specific gravity	Weighted average: 1-1.9 (Water = 1)		
Vapor density	Not available.		
Vapor pressure	Not available.		
Evaporation rate	Not available.		
Viscosity	Not available.		
Water/oil dist. coeff.	Not available.		
Ionicity (surface active agent)	Not available.		
Critical temperature	Not available.		
Instability temperature	Not available.		
Conditions of instability	No additional remark.		
Dispersion properties	Is not dispersed in cold or hot water.		
Solubility	Insoluble in cold or hot water.		

**Section IV. Fire and Explosion Data**

The product is:	Non-flammable.
Auto-ignition temperature	Not available.
Fire degradation products	Not available.
Flash points	Not available.
Flammable limits	Not available.
Fire extinguishing procedures	SMALL FIRE: Use DRY chemicals, CO2, water spray or foam. LARGE FIRE: Use water spray, fog or foam. DO NOT use water jet.
Flammability	Non flammable.
	<b>Remark</b> No additional remark.
Risks of explosion	Risk of explosion in presence of mechanical impact: Not available. Risk of explosion of the product in presence of static discharge: Yes
	<b>Remark</b> Can form an explosive dust/air mixture. Employ grounding. Lower explosibility limit: 30 g/m <sup>3</sup> . May explode in presence of sparks.

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**Section V. Reactivity Data**

Stability	The product is stable.
Hazardous decomp. products	Not available.
Degradability	Not available.
Products of degradation	Not available. Not available.
	<b>Remark</b> No additional remark.
Corrosivity	Non corrosive.
	<b>Remark</b> No additional remark.
Reactivity	Not reactive.
	<b>Remark</b> No additional remark.

**Section VI. Toxicological Properties**

Routes of entry	Eye contact. Ingestion. Inhalation. Skin contact.
TLV	TWA: 10 mg/m <sup>3</sup> (total dust, OSHA)  Maintain sufficient local exhaust ventilation to stay below the regulated exposure limits. Consult local authorities for acceptable exposure limits.
Toxicity to animals	Not available.
	<b>Remark</b> No additional remark.
Chronic effects on humans	Titanium dioxide IARC: The mixture can be carcinogenic for humans (Group 2B). ACGIH: Substance not classified as carcinogenic for humans (Group A4).
	<b>Remark</b> No additional remark.
Acute effects on humans	This product may irritate eyes and skin upon contact.
	<b>Remark</b> No additional remark.

**Section VII. Preventive Measures**

Waste information	Dispose of in accordance with local, state, municipal, federal, provincial and national regulations.
Waste stream	Dispose of in accordance with local, state, municipal, federal, provincial and national regulations.
Storage	Keep containers tightly closed in a cool, well-ventilated place. Contains moisture sensitive material; store in a dry place.
Precautions	Keep away from heat. Keep away from sources of ignition. Empty containers pose a fire risk. Ground all equipment used with this material. DO NOT ingest. DO NOT breathe dust. Wear suitable protective clothing.
Small spill and leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large spill and leak	Stop leak if without risk. Avoid getting water inside container. Use water spray to reduce dust. Eliminate all sources of ignition. Use a non-sparking shovel. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Protective clothing in case of large spill	Gloves. Lab coat or coverall. Safety glasses. Be sure to use a MSHA/NIOSH approved respirator or equivalent.

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**Section VIII. Classification**

DOT Not a DOT controlled material (United States).



Maritime transportation Not regulated

Remark

HCS

Remark

Federal and State Regulations

This product contains no chemicals subject to the reporting requirements of section 313 of Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

**Section IX. Protective Clothing**

Gloves. Lab coat or coverall. Safety glasses. Be sure to use a MSHA/NIOSH approved respirator or equivalent.

**Section X. Other Information**

References -Manufacturer's Material Safety Data Sheet.

VOC's -- 0.00% based on formulation -- Trace amounts (less than 0.05%) possible by impurity  
NFPA Rating2 – Health  
1 – Flammability  
0 – Reactivity

Validated by Protech Chemicals Ltd on 09/06/2009.

Verified by Protech Chemicals Ltd.

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**Emergency phone: Chem-Trec 1-800-424-9300**

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