

SAFETY DATA SHEET



Issue Date: June 27, 2017

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Version: 2017

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polyseal WB Tints, Various Colors

Other Means of Identification

SDS #: F1205

Recommended Use: Tint for use in Water Based Cure & Seals for application to concrete surfaces

Restrictions on Use: Not for use in Organic Solvent Based Cure & Seals

Supplier of the Safety Data Sheet including Address:

ChemMasters Inc.
300 Edwards Street
Madison, OH 44057

Telephone Numbers

Company Phone Number

Phone: 800-486-7866, 440-428-2105

Fax: 440-428-7091

Emergency Telephone: ChemTrec 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:

Causes serious eye irritation, causes skin irritation, harmful if swallowed, may be harmful if inhaled, causes respiratory irritation, may cause damage to kidneys, liver, brain and nervous system through prolonged and repeated exposure by inhalation.

GHS Classification:

Eye damage/eye irritation – Category 2A

Acute toxicity, Oral – Category 4

Acute toxicity, Dermal – Category 2

Specific Target Organ toxicity – single exposure: Category 3

Specific Target Organ toxicity – repeated exposure: Category 1

Reproductive Toxicity: Category 1

Label Elements, including precautionary statements

Pictograms:



Signal Word: Danger

Hazard Statements:

- H302 Harmful if swallowed
- H315 Causes skin irritation
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H360 May damage fertility or the unborn child
- H372 Causes damage to kidneys, liver, brain and nervous system through prolonged and repeated exposure by inhalation.

Precautionary Statement(s)**Prevention:**

- P201 Obtain special instructions before use.
- P202 Do not handle until all safety precautions have been read and understood.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P264 Wash hands and skin thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective eye protection/face protection, protective clothing and protective gloves.

Response:

- P308+P313 IF exposed or concerned: Get medical advice/attention
- P314 Get medical advice/attention if you feel unwell.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P337+P313 If eye irritation persists: Get medical advice or attention.
- P301+312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- P330 Rinse Mouth
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P332+P313 If skin irritation occurs: Get medical advice or attention.
- P362+P364 Take off contaminated clothing and wash before reuse.
- P304+P340+P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

Storage:

- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.

Disposal:

- P501 Dispose of contents/container in accordance with local/regional/national regulations.

Hazards not otherwise classified: None known

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component

Talc	CAS#: 14807-96-6	10-30%
Ethylene Glycol	CAS#: 107-21-1	10-20%
Proprietary Polymer & Surfactant Blend	CAS#: Not Available	5-15%
Diethylene Glycol	CAS#: 111-46-6	5-10%
1-Methoxy-2-propanol acetate	CAS#: 108-65-6	1-5%
1,2-Propanediol	CAS#: 57-55-6	1-5%
Various Pigments, Including:		5-50%
Titanium Dioxide	CAS#: 13463-67-7	
Iron Oxides	CAS#: Various-Non Hazardous	
Carbon Black	CAS#: 1333-86-4	
Phthalocyanine Blue	CAS#: 147-14-8	

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels.

4. FIRST AID MEASURES

First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If not breathing, give artificial respiration. Consult a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: IF SWALLOWED: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If conscious, rinse mouth with water. Call a POISON CENTER/doctor if you feel unwell.

Skin Contact: Wash off with soap and plenty of water. If skin irritation occurs: Get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Product is not combustible. Use water spray (fog), alcohol-resistant foam, dry chemical, or carbon dioxide for surrounding fire.

Specific Hazards Arising from the Chemical: None Known

Hazardous Combustion Products: Carbon oxides

Protective Equipment and Precautions for Firefighters

Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information: See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

In case of spill wear appropriate personal protective equipment during any cleanup and response activities. Avoid skin contact and inhalation.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Material for Containment and Cleaning Up

Dike and contain spill with inert absorbent materials. Soak up with inert material and dispose of as hazardous waste. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling

Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for Safe Storage, Including any Incompatibilities

General information: Keep at a temperature not exceeding 38 Degrees C (100 Degrees F). Do not allow material to freeze. Keep container tightly closed in a dry and well ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Safe Storage: No Additional Data

Incompatibilities: None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limit

Ethylene Glycol: ACGIH Ceiling/Aerosol 100 ppm

Titanium Dioxide: PEL 15 mg/m³ OSHA 8 hr. TWA Total Dust; TLV 10 mg/m³ ACGIH TWA

Talc: 2 mg/m³ TWA respirable fraction, particulate matter, OSHA/ACGIH

Carbon Black: 3.5 mg/m³ TWA respirable fraction, particulate matter, OSHA/ACGIH

Appropriate Engineering Controls

Local Ventilation: Recommended

General Ventilation: Recommended

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Use proper protection – Safety Glasses as a minimum

Skin and Body Protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators. Note: Trace amounts of monomers may be released during use of this material. Use adequate ventilation to keep vapour concentrations below applicable standard.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State

Appearance: Liquid
Color: Various Colors

Odor: Mild
Odor threshold: No Data

<u>Property</u>	<u>Value</u>	<u>Remarks – Method</u>
Vapor Pressure	24 mmHg @ 77°F (25°C)	
Vapor Density	3.7	
Relative Density	Not Available	
pH:	Not Relevant	
Melting/Freezing Point	Freezing Point 32 Degrees F (0 Degrees C)	
Solubility	Miscible in water	
Evaporation Rate	0.1	
Flash Point	240 Degrees F (116 Degrees C)	Closed Cup
Flammability Limits	LEL 3%, UEL 15%	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Boiling Point 212 Degrees F (100 Degrees C)	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	1.3 - 1.9	Density: 11 - 16 lb./gal.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable

Possibility of Hazardous Reactions: No Data Available.

Conditions to Avoid: None known

Incompatible Materials: None known

Hazardous Decomposition Products: Carbon oxides, Silicon dioxide, Nitrogen Oxides, Aldehydes.

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact. Ingestion is not a likely route of exposure.

Symptoms of Exposure:

Ingestion may cause nausea, vomiting and diarrhea.

Exposure causes skin & serious eye irritation.

Vapors may result in upper respiratory tract irritation.

Numerical measures of toxicity:

Ingredient: Titanium Dioxide

Acute Toxicity – Oral LD50 > 5,000 mg/Kg Rat

Acute Toxicity – Dermal LD50 > 10,000 mg/Kg Rabbit

Acute Toxicity – Inhalation LC50 > 6.8 mg/l Rat

Ingredient: Ethylene Glycol

Acute Toxicity – Oral LD50 4,000 mg/Kg Rat

Acute Toxicity – Dermal LD50 9,530 mg/Kg Rabbit

Ingredient: Carbon Black

Acute Toxicity – Oral LD50 >15,400 mg/Kg Rat
Acute Toxicity – Dermal LD50 > 3,000 mg/Kg Rabbit

Ingredient: Diethylene Glycol

Acute Toxicity – Oral LD50 11,890 mg/Kg Rat
Acute Toxicity – Dermal LD50 12,565 mg/Kg Rabbit

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure

Carcinogenicity: IARC has characterized Titanium Dioxide and Carbon Black as possibly carcinogenic to humans (Group 2B) through inhalation (not ingestion). They have not been characterized as a potential carcinogen by either NTP or OSHA.

Specific target organ toxicity: Single exposure: Category 3, May cause respiratory irritation.

Specific Target Organ toxicity: Repeated exposure: Category 1, Causes damage to kidneys, liver, brain and nervous system through prolonged and repeated exposure by inhalation.

Reproductive Toxicity: May Cause birth defects.

12. ECOLOGICAL INFORMATION

Eco toxicity: No Data Available

Persistence and Degradability: No Data Available

Bioaccumulation: No Data Available

Mobility: No Data Available

Other Adverse Effects: No Data Available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: This product is not expected to be a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

Contaminated Packaging: Dispose of as unused material.

14. TRANSPORT INFORMATION

D.O.T.: Not Regulated

I.M.D.G.: Not Regulated

Marine Pollutant: No

I.A.T.A.: Not Regulated

15. REGULATORY INFORMATION

International Inventories

TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations

SARA 302: None Known

SARA 311/312 Hazard Categories: Acute Health Hazard

SARA 313 Hazard Components: CAS#: 107-21-1, Ethylene Glycol, 10-20%

CWA (Clean Water Act): None Known

Supplemental State Compliance Information

California:

This product does not contain any chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm.

State Right To Know:

CAS Number	Component Name	State(s)
107-21-1	Ethylene Glycol	New Jersey, Pennsylvania, Massachusetts
111-46-6	Diethylene Glycol	Pennsylvania
14807-96-6	Talc	Pennsylvania
Not Available	Hydroxypropyl acrylate, acrylic acid polymer, ammonium salt.	New Jersey, Pennsylvania
108-65-6	1-Methoxy-2-propanol acetate	New Jersey, Pennsylvania
57-55-6	1,2-Propanediol	New Jersey, Pennsylvania

U.S. EPA Label Information: No Data

16. OTHER INFORMATION

HMIS Classification:

Health hazard: 2*
Flammability: 1
Physical Hazards: 0

NFPA Rating:

Health hazard: 2
Fire: 1
Reactivity Hazard: 0

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Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet