SAFETY DATA SHEET

Issue Date: March 5, 2015 **Revision Date: March 5, 2015** **Version 2015**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Polyseal Tint, Various Colors

Other Means of Identification:
SDS #: F1310

Recommended Use: Tint for Organic Solvent Based Cure & Seals for application to concrete surfaces
Restrictions on Use: Not for use in Water 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 (United States & Canada), International Call: 1-703-527-3887

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards

Flammable Liquid and Vapour, Causes eye and skin irritation, Harmful if swallowed, May cause respiratory irritation, drowsiness or dizziness, May cause damage to kidneys, liver, brain and nervous system through prolonged and repeated exposure by inhalation.

GHS Classification

Flammable Liquids Category 3
Eye Irritation – Category 2B
Skin Corrosion/Irritation – Category 2
Acute Toxicity – Oral Category 4
Specific Target Organ Toxicity – Single Exposure Category 3
Specific Target Organ Toxicity – Repeated Exposure Category 2

Label Elements, including precautionary statements

Pictograms: 

Signal Word: Warning

Hazard Statements:

H226	Flammable Liquid and Vapour
H302	Harmful if swallowed
H320	Causes eye irritation
H315	Causes skin irritation
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H373	May cause damage to kidneys, liver, brain and nervous system through prolonged and repeated exposure by inhalation.

Precautionary Statement(s)

Prevention:

P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use non-sparking tools.
P243	Take action to prevent static discharges.
P260	Do not breathe dust/fume/gas/mist/vapours/spray.
P264	Wash 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

Response:

P301+P312+P330	IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. Rinse mouth.
P302+P352	IF ON SKIN: Wash with plenty of soap and water.
P332+P313	If skin irritation occurs: Get medical advice/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.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P370+P378	In case of fire use, dry chemical, alcohol resistant foam, halon or carbon dioxide to extinguish.
P314	Get medical advice/attention if you feel unwell.

Storage: P403+P233 Store in a well-ventilated place. Keep container tightly closed.

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		
2-methoxy-1-methylethyl Acetate	CAS#: 108-65-6	20-65%
Acrylic Resin	CAS#: Not Available	15-20%
Solvent Naphtha, Petroleum	CAS#: 64742-95-6	0-2.5%
Aliphatic Petroleum Distillate	CAS#: 64742-47-8	0-2.5%
Xylene	CAS#: 1330-20-7	1-1.5%
n-Butyl Acetate	CAS#: 123-86-4	1-1.5%
Ethyl Benzene	CAS#: 100-41-4	0.1-0.5%
Various Pigments Including:		15-65%

Titanium Dioxide, CAS#: 13463-67-7
Iron Oxide Blends, CAS#: Various (Non-Hazardous)
Carbon Black, CAS#: 1333-86-4
C.I. Pigment Blue 15:2, CAS#: 147-14-8
C.I. Pigment Red 170, CAS#: 2786-76-7
C.I. Pigment Yellow 151, CAS#: 31837-42-0
C.I. Pigment Green 7, CAS#: 1328-53-6
Aluminum Hydroxide, CAS#: 21645-51-2
Amorphous Silica, CAS#: 112926-00-8

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. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

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. If experiencing respiratory symptoms: Call a POISON CENTER/doctor.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice or attention.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.
Never give anything by mouth to an unconscious person. Rinse mouth if conscious.

Skin Contact: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Alcohol-resistant foam, dry chemical, halon or carbon dioxide

Specific Hazards Arising from the Chemical
In a fire or if heated a pressure increase will occur and the container may burst.

Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger.

Hazardous Combustion Products: Carbon oxides & Nitrogen oxides

Protective Equipment and Precautions for Firefighters
Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information: Use water spray to cool unopened containers. See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
Use personal protective equipment. Avoid breathing dust/fume/gas/mist/vapours/spray. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

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

Methods and Material for Containment and Cleaning Up
Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapours/spray. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground and bond container and receiving equipment. Take measures to prevent the buildup of electrostatic charge. Use non-sparking tools. Wash hands and skin thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Conditions for Safe Storage, Including any Incompatibilities
Keep container tightly closed in a dry, cool and well ventilated place.
Containers which are opened must be carefully resealed and kept upright to prevent leakage.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines
Component Exposure Limits
2-methoxy-1-methylethyl Acetate, CAS#: 108-65-6: TWA 50 ppm, AIHA.
Xylene, CAS#: 1330-20-7: TLV 100 ppm, ACGIH
Ethyl Benzene, CAS#: 100-41-4: TLV 100 ppm, 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.

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: Liquid
Appearance: Opaque
Color: Various Colors

Odor: Solvent Odor
Odor threshold: No Data

Property	Value	Remarks – Method
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	Not Relevant	
Melting/Freezing Point	Not Relevant	
Solubility	Not Available	
Evaporation Rate	Not Available	
Flash Point	28 Degrees C (82 Degrees F)	Setaflash Closed Cup
Flammability Limits	No Data	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Not Available	
Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	1.17 – 1.48 at 25 Degrees C	9.8-12.3 Lbs./gal.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: Hazardous polymerization will not occur under recommended storage conditions

Conditions to Avoid: Heat, Flames and Sparks

Incompatible Materials: Keep away from oxidizing agents, reducing agents, peroxides and phosphorus compounds..

Hazardous Decomposition Products
Hazardous decomposition products formed under fire conditions, Carbon and Nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

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

Symptoms of Exposure:
Causes eye and skin irritation. May cause respiratory irritation including drowsiness or dizziness.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure
Repeated Exposure may cause skin dryness and cracking. May cause damage to kidneys, liver, brain and nervous system through prolonged and repeated exposure by inhalation.

Carcinogenicity: Product is not expected to be carcinogenic.

Other Chronic Effects: None Known

Numerical Measures of Toxicity
2-methoxy-1-methylethyl Acetate: Oral LD50: Rat, 6,190 mg/kg; Dermal LD50: Rabbit, >5,000 mg/kg; Inhalation LC50 Rat 6 hrs. >4345 ppm

12. ECOLOGICAL INFORMATION

Ecotoxicity: Material may be toxic to aquatic organisms.

Acute Toxicity: Fish
Components:
2-methoxy-1-methylethyl Acetate: LC50 Fathead Minnow, 96 hr, 161 mg/l

Acute Toxicity: Invertebrates
Components:
2-methoxy-1-methylethyl Acetate: EC50 Water Flea, 48 hr, 408 mg/l

Persistence and Degradability: Solvent portion is expected to be readily biodegradable.
Bioaccumulation: No Data Available

Mobility: This material has a low solubility in water. The solvent portion has high volatility (tendency to move from water to air) and will partition rapidly to the air. Therefore chronic aquatic toxicity is not expected, however a significant spill may cause long-term adverse effects in the aquatic environment.

Other Adverse Effects: No Data Available

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: Under RCRA 40 CFR 261 this material is a hazardous waste. Dispose of in accordance with all federal, state, and local regulations. If uncertain of local requirements, contact the proper environmental authorities for information on waste disposal in your area. Contact a licensed professional waste disposal service to dispose of this material.

Contaminated Packaging: Dispose of as unused product.

14. TRANSPORT INFORMATION

DOT
UN1263, PAINT, 3, III

IATA
UN1263, PAINT, 3, III

IMDG
UN1263, PAINT, 3, III
Marine Pollutant: No

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: CERCLA
Xylene RQ 100 lbs.
Ethyl Benzene RQ 1000 lbs.

SARA 311/312 Hazard Categories: Acute: Yes, Fire: Yes, Chronic: Yes
SARA 313 Hazard Categories:

CAS Number	Component Name	Wt. %
1330-20-7	Xylene	≤ 1.5%
100-41-4	Ethyl Benzene	≤ 0.5%

SARA Extremely Hazardous Substances (EHS)/CERCLA Hazardous Substances: None Known

CWA (Clean Water Act): This product contains organic solvents and may be subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

Supplemental State Compliance Information

California:

Warning: This product contains the following 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. **Ethyl Benzene**

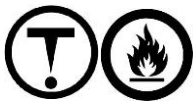
States Right To Know:

2-methoxy-1-methylethyl Acetate, CAS# 108-65-6: New Jersey, Pennsylvania
Xylene, CAS# 1330-20-7: Massachusetts, New Jersey, Pennsylvania
Ethyl Benzene, CAS# 100-41-4: Massachusetts, New Jersey, Pennsylvania
n-Butyl Acetate, CAS# 123-86-4: Massachusetts, New Jersey, Pennsylvania

U.S. EPA Label Information: No Data

Canada

WHMIS Classification: Class D2B & B3 (Toxic & Flammable)
Symbol: Stylized T & Flammable



16. OTHER INFORMATION

HMIS Classification:

Health hazard:	**2***
Flammability:	**3**
Physical Hazards:	**0**

NFPA Rating:

Health hazard:	**2**
Fire:	**3**
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