



Material Safety Data Sheet

Revision Date: September 25, 2015

Revision Number: #1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name Blue Tempera
Product Code 1304
Product Class Tempera
Color Blue

Manufacturer
 O'Leary Paint Company
 415 Baker Street
 Lansing MI 48910
 www.olearypaint.com

Emergency Telephone Number(s)
 CHEMTREC 800-424-9300

2. COMPOSITION INFORMATION ON COMPONENTS

Hazardous Components

Chemical Name	CAS•No	Weight % (max)
Distillates (petroleum), solvent-dewaxed heavy paraffinic	64742-547	0.5

3. HAZARDS IDENTIFICATION

Emergency Overview

Vapors may be irritating to eyes, nose, throat, and lungs. May cause skin irritation and/or dermatitis. May cause allergic skin reaction.

Appearance liquid

Odor little or no odor

Potential Health Effects

Principal Routes of Exposure Eye contact, skin contact and inhalation.

Acute Effects

Eyes May cause slight irritation.
 Skin May cause skin irritation and/or dermatitis. May cause allergic skin reaction.
 Inhalation May cause irritation of respiratory tract.
 Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Chronic Effects Repeated contact may cause allergic reactions in very susceptible persons.

See Section 11 for additional Toxicological information.

Aggravated Medical Conditions None Known

HMIS Legend

0 - Minimal Hazard
 1 - Slight Hazard
 2 - Moderate Hazard
 3 - Serious Hazard
 4 - Severe Hazard
 5 - Chronic Hazard
 X - Consult your supervisor or S.O.P. for "Special" handling Instructions.

Note: The PPE Ming has intentionally been left blank. Choose appropriate PPE that will protect employees from the hazards the material will present under the actual normal conditions of use.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer, has chosen to provide them. HMIS® ratings are to be used only in conjunction with a fully implemented HMIS® program by workers who have received appropriate HMIS® training. HMIS® is a registered trade and service mark of the NPCA. HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

4. FIRST AID MEASURES

General Advice No hazards which require special first aid measures.

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
 SKIN: Wash affected area thoroughly with soap and water.
 Remove contaminated clothing and launder before re-use.
 INHALATION: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
 INGESTION: Do not induce vomiting. Get medical attention immediately.

Notes To Physician Treat symptomatically

5. FIRE MEASURES

Flammability of the product	In a fire or if heated, a pressure increase will occur and the container may burst
<u>Extinguishing media</u>	
Suitable	Use an extinguishing agent suitable for the surrounding fire.
Not suitable	Non known.
Special exposure hazards	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
Hazardous combustion products	Decomposition products may include the following materials: carbon oxides metal oxide/oxides
Special protective equipment for fire-fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Comply with all applicable health and environmental regulations. Ventilate area. Evacuate all unnecessary personnel. Place collected material in proper container. Spilled material is extremely slippery. Complete personal protective equipment must be used during cleanup. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent to pick up excess residue. Keep salvageable materiel and rinse water out of sewers and water courses. Small spills - use absorbent to pick up residue and dispose of properly.

7. HANDLING AND STORAGE

STORAGE CATEGORY

Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

8. EXPOSRE CONTROLS / PERSONAL PROTECTION

Hazardous Components

Chemical Name	ACGIH	OSHA
Distillates (petroleum), solvent-dewaxed heavy paraffinic	N/E	N/E

Legend

ACGIH – American Conference of Governmental Industrial Hygienists Exposure Limits

OSHA – Occupational Safety & Health Administration Exposure Limits

N/E – Not Established

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Eye/Face Protection

Safety glasses with side-shields.

Skin Protection

Protective gloves and impervious clothing.

Respiratory Protection

In case of insufficient ventilation wear suitable respiratory equipment.

Hygiene Measure's

Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Wash thoroughly after handling.

9. PHYSICAL AND CHEMICAL PROPERTIES
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Appearance	liquid
Odor	little or no odor
Density (lbs/gal)	8.3 – 9.0
Specific Gravity	1.00 – 1.08
pH	Not available
Evaporation Rate	Not available
Vapor Pressure	Not available
Vapor Density	Not available
Wt. % Solids	5 - 10
Vol. % Solids	5 - 10
Wt. % Volatiles	90 - 95
Vol. % Volatiles	90 - 95
VOC (g/L)	20
Boiling Point (°F)	212
Boiling Point (°C)	100
Freezing Point (°F)	32
Freezing Point (°C)	0
Flash Point (°F)	Not applicable
Flash Point (°C)	Not applicable
Flash Point Method	Not applicable
Upper Explosion Limit	Not applicable
Lower Explosion Limit	Not applicable

10. PHYSICAL AND CHEMICAL PROPERTIES

Stability	Stable under recommended storage and handling conditions (see Section 7).
Conditions to avoid	No specific data.
Materials to avoid	Reactive or incompatible with the following materials: acids, oxidizing materials, strong alkalis
Hazardous decomposition	Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Hazardous polymerization	Under normal conditions of storage and use, hazardous polymerization will not occur.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity

Product
No information available

Chronic Toxicity

Carcinogenicity

The information below indicates whether each agency has listed any ingredient as a carcinogen:

Chemical Name	ACGIH	IARC	NTP	OSHA Carcinogen
Distillates (petroleum), solvent-dewaxed heavy paraffinic	1 – Human Carcinogen			

Although IARC has classified titanium dioxide as possibly carcinogenic to humans (2B), their summary concludes: "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium dioxide is bound to other materials, such as paint".

Legend

ACGIH - American Conference of Governmental Industrial Hygienists

IARC - International Agency for Research on Cancer

NTP - National Toxicity Program

OSHA - Occupational Safety & Health Administration

12. ECOLOGICAL INFORMATION

Ecotoxicity Effects

Product

Acute Toxicity to Fish

No information available

Acute Toxicity to Aquatic Invertebrates

No information available

Acute Toxicity to Aquatic Plants

No Information available

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

14. DISPOSAL CONSIDERATIONS

DOT Not regulated

ICAO / IATA Not regulated

IMDG / IMO Not regulated

15. REGULATORY INFORMATION

International Inventories

United States TSCA Yes – All components are listed or exempt.

Canada DSL Yes – All components are listed or exempt.

Federal Regulations**SARA 313/312 hazardous categorization**

Acute Health Hazard	Yes
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden Release of Pressure Hazard	No
Reactive Hazard	No

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

This product may contain trace amounts of (other) SARA reportable chemicals. Contact the preparer for further information.

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

State Regulations

16. OTHER INFORMATION

WARNING! If you scrape, sand, or remove old paint, you may release lead dust LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS; SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

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End of MSDS