Tara Materials, Inc.

Safety Data Sheet 08907-1017

Revision Date: 9/20/17

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Titanium Oil Priming

Product Number: 4402

Brand: Fredrix®

Product Form: Liquid / solid mixture

Company: Tara Materials, Inc.
322 Industrial Park Drive
Lawrenceville, GA 30046

Telephone: 770-963-5256
Fax: 770-963-1044
Website: www.fredrixprintcanvas.com

Recommended use of the chemical and restrictions on: Fredrix Oil Priming Titanium Pigment is a, non-toxic primer used for priming canvas for artist applications.

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazard Classification:

Signal Word: Caution

Symbol(s) (pictogram(s):


Hazard statement(s): This product presents hazards from inhalation, eye contact, skin contact, and ingestion. It's flash point also presents a potential fire hazard if ambient temperatures approach or exceed 100° F. This material may also accumulate static charges which can cause an incendiary electrical discharge.

Precautionary statement(s):

Inhaled: High vapor concentrations are irritating to the eyes and respiratory tract. This could result in a burning sensation in the eyes, headaches, dizziness, nausea, and drowsiness and progressive effects on the central nervous system up to and including death.

Skin Contact: Slightly to moderately irritating. May cause redness, rash, and swelling. Not likely to cause permanent injury.

Eye contact: Slightly to moderately irritating. Not likely to cause permanent injury.

Ingestion: Small amounts of this material aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly even death. Minimal toxicity.

Hazards not otherwise classified

HMIS Classification

Health hazard: 1
Chronic effects: 0
Flammability: 1
Physical hazards: 0

NFPA Rating

Health hazard: 1
Fire: 1
Reactivity Hazard: 0
Special hazards: 0

3. COMPOSITION/INFORMATION ON INGREDIENTS

Synonyms:
Formula: Multi Component product
Molecular Weight:

COMPONENT	%WT	CAS NO.	OSHA PEL	ACGIH TLV
Titanium Dioxide	15 – 25	13463-67-7	15 mg/m^3	
Calcium Carbonate	50 – 60	71-34-1	10 mg/m^3	
Linseed Oil	10 – 15	68649-95-6		N / A
2-[(Hydroxymethyl)-Amino]-Ethanol	0.01	34375-28-5	100	
Mineral Spirits	5 – 10	8052-41-3		

4. FIRST AID MEASURES

General advice

If inhaled: Inhalation of vapor may result in a burning sensation in the eyes, headaches, dizziness, nausea, and drowsiness. Move to fresh air. Monitor conditions and get medical attention if symptoms warrant.

In case of skin contact: Wipe off excess material and wash affected area thoroughly with mild soup and water. Remove contaminated clothing and thoroughly clean before reuse. Discard contaminated leather gloves, shoes, or other item. CAUTION: Clothing or rags soaked with this material may be prone to spontaneous combustion.

In case of eye contact: Flush eyes with low pressure water for at least 15 minutes occasionally lifting eyes lid. If pain or redness persists after flushing seek medical attention.

In case of ingestion: If swallowed DO NOT induce vomiting. For every small amount drink one or two glasses of water. For larger amounts monitor and seek medical assistance if symptoms or circumstances warrant. Never give an unconscious person anything by month.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Specific hazards from combustion: It's flash point also presents a potential fire hazard if ambient temperatures approach or exceed 100° F. This material may also accumulate static charges which can cause an incendiary electrical discharge.

Special protective equipment for fire-fighters: Wear self-contained breathing apparatus and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Protective equipment, Emergency procedures, Environmental precautions

Methods and materials for containment and cleaning up: Eliminate sources of ignition. For small quantities, provide good ventilation and implement clean up procedures. For larger spills, control spread of material and remove all persons not involved in the control and cleanup activities from the area. Prevent material from entering drains, sewers, watercourses, or other areas not designed for hazardous liquids. CAUTION: Towels or rags soaked with this material are capable of spontaneous combustion.

Recover by pumping if appropriate or use only inert absorbent materials for clean up. NEVER use organic absorbents, sawdust, etc. Prevent contact with strong blench or other oxidizers, or acids. Follow all local, state, an Federal regulation when disposing of any recovered or waste material.

7. HANDLING AND STORAGE

Precautions for safe handling: Keep away from heat and open flames.

Conditions for safe storage: Store at ambient temperatures. Keep in mind the electrostatic dishare potential when mixing, handling, or transferring this material.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OSHA permissible exposure limit (PEL)

American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV)

COMPONENT	OSHA PEL	ACGIH TLV
Titanium Dioxide		15 mg/m^3
Calcium Carbonate	10 mg/m^3	
Linseed Oil		N / A
2-[(Hydroxymethyl)-Amino]-Ethanol		100
Mineral Spirits		N /A

Appropriate engineering controls: Use only in properly ventilate areas. Always use mechanical ventilation whenever possible to reduce vapor levels to a safe level. If this cannot be done use only NIOSH approved disposable respirators to prevent overexposure by inhalation.

Personal protective equipment

Respiratory protection: NIOSH approved half-mask respirator with organic vapor cartridges.

Hand protection: Disposable rubber gloves as a minimum if skin contact is likely.

Eye protection: Safety glasses with side shields recommended.

Hygiene measures: Wash with soap and water.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid/Solid mixture

Odor: Strong aromatic odor due to linseed oil and solvent

Odor threshold: No data available

pH: N/A

Melting point: None

Initial boiling point and boiling range: ≥° F

Flash point: ≥104°F

Evaporation rate: Information not available

Flammability: These products are combustible if exposed to direct flame, or temperatures above their flash point.

Upper/lower flammability or explosive limits: Information not available

Vapor pressure: -1.5 mmHg @ 70° F

Relative density: No data available

Solubility: Very low to insoluble

Auto-ignition temperature: approximately 500° F

Viscosity: N/A

Hazardous Polymerization: Will Not Occur

10. STABILITY AND REACTIVITY

Reactivity: No data available

Chemical stability: Stable at ambient conditions. As temperatures increase, so does the potential for exothermic reaction as well as buildup of pressure in closed containers.

Possibility of hazardous reactions: Information not available

Conditions to avoid: High temperatures, fire and other sources of ignition.

Incompatible materials: Bleach and other oxidizers. Acids, especially mineral acids. Do not mix with dirt, sawdust, or other organic materials.

Hazardous decomposition products: Information not available

Hazardous Polymerization: May occur if mixed with other organic materials.

11. TOXICOLOGICAL INFORMATION

This product does not represent any special or unusual toxicological situation. Under SARA Title II. Sections 300/312 this product would be classified in the following hazard categories: Delayed Health, Fire. This material has been evaluated under ASTM D4236 and found to present a minimal toxicity hazard.

12. ECOLOGICAL INFORMATION*

Eco toxicity (Aquatic and terrestrial): No data available

Ecotoxicity (Aquatic and terrestrial): No data available

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Mobility in soil: No data available

PBT and vPvB assessment: No data available

Other adverse effects: No data available

13. DISPOSAL CONSIDERATIONS*

Follow all local, state and federal regulations when disposing of this material in either liquid or dry form. Do not pour into drains, sewers, waterways, etc.

14. TRANSPORT INFORMATION*

This product as packaged meets the criteria of a "consumer Commodity" under 49 CFR 171.8 and related sections. As a result, it is not regulated for ground transportation

UN number: Not Applicable

UN proper shipping name: Not Applicable

Transport hazard class(es): Not Applicable

Packing group, if applicable: None

Environmental hazards (e.g., Marine pollutant): Not Applicable

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not Applicable

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises. Not Applicable

15. REGULATORY INFORMATION*

This product complies with ASTM d4236 and the Labeling of Hazardous Art Materials (LHAMA) regulations.

Warning: This product may contain trace quantities of antimony, chromium, lead, and crystalline silica; chemicals known to the State of California to cause cancer or reproductive toxicity.

This product has been evaluated under LHAMA regulations and conforms to the standards of ASTM D4236.

16. OTHER INFORMATION

This SDS was prepared based on the best available information from suppliers, government documents, and/or reference manuals.

Date of preparation: 9/20/17