

WT-103 PRODUCT DATA SHEET FLAME RETARDANT CLEAR FLAT COATING



CLEAR FLAT

ITEM # 103

WT-103 is a Class B (Class 2) interior, intumescent, clear flat water-based coating for application over wood. WT-103 may also be used for application over other decorative materials when tested by applicator.

TECHNICAL DATA:

- Consistency of paint. Clear, flat coating.
- Apply two coats of WT-103 at the rate of 200 square feet per gallon. One gallon covers 100 square feet of useable product in two coats.
- Weight is 60 lbs. per 5-gallon pail.
- Store between 40°-80°F. Do not freeze. Closed containers exposed to heat may rupture due to pressure.
- Shelf life is two years if stored properly. Once container is opened, chemical must be used completely.
- Do not add water or change chemical composition in any way.
- May be tinted with any water-soluble dispersible tint.

APPROVALS:

California State Fire Marshal #C-10005, NYC COA #5864, ASTM E84, Meets ANS No. 2.5, NFPA 255, UL No. 723, UBC 42.1 Previously Approved ICBO #3656

APPLICATION INSTRUCTIONS:

Users of this product must determine the suitability of this product for its intended use.

- Prepare substrate by sanding and removing any silicone or oil-based coating that may be on wood. WT-103 may not adhere to a surface that has not been properly prepared.
- Applicator must wear paint gloves, goggles and respirator.
- WT-103 must be mixed well.
- Apply WT-103 using an air, airless spray, brush or roller. Each gallon contains 100 square feet of usable product. Apply at the rate of 1 gallon per 200 square feet in two coats (1 gallon per 100 square feet). If using an airless, use a 15-17 size spray tip. Cover all exposed areas.
- Allow first coat to completely dry before applying second coat.

CLEAN-UP:

WT-103 can be cleaned up with soap and water.

CAUTION:

Keep out of reach of children. Do not ingest. Call physician if swallowed. Clean with soap and water all contacted areas.

WARRANTY AND DISCLAIMER

Use only as directed. Sellers and Manufacturers only obligation shall be to replace such quantity of the product proved to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising out of the use of or inability to use the product. Before using, user should determine the suitability of the product for its intended use. The user assumes all risk and liability whatsoever in connection therewith. Any statement or recommendation not contained herein shall have no force or effect unless contained in an agreement signed by officers of seller and manufacturer. Deterioration of coatings applied to interior finishes can occur due to atmospheric conditions, repeated cleaning of the surface or painting over applied coatings. Fire Retardants shall possess the desired degree of permanency and shall be maintained so as to retain the effectiveness of the treatment under the service conditions encountered in actual use. Periodic testing is recommended.

10/2018



Safety Data Sheet (SDS) - WT-103 Clear Flame Retardant Matte Coating

1. Identification

Product Identifier	WT-103 Flame Retardant Clear – Matte Coating
Other means of Identification	Flame retardant coating.
Recommended use	Refer to manufacturer sell sheet.
Recommended restrictions	Refer to manufacturer sell sheet.
Supplier name Address	Dharma Trading Company 1805 South McDowell Blvd. Ext. Petaluma, CA 94954 USA
Country	
Phone	(800) 542-5227

2. Hazard(s) Identification

Emergency overview	Irritant.
Classification	
Hazard symbol	Category 5. No symbol.
Signal word	Warning.
Potential health effects	
Inhalation	Over-exposure may cause irritation. If not breathing, give artificial respiration seek medical attention.
Eyes/Skin	Cleanse affected areas with mild soap and water. If irritation develops, seek medical attention.
Ingestion	If drowsy or unconscious, place victim on left side with head down. Do not give anything by mouth; seek medical attention.
Environmental hazards	No known significant environmental effects.
NFPA/HMIS classification	Health: 0 Flammability: 0 Reactivity: 0 0-Least, 1-Slight, 2-Moderate, 4-Extreme

3. Composition/Information on ingredients

Chemical name	CAS number	Percent
Water		
Ammonium Polyphosphate	7732-18-5	45-56%
Other ingredients (Trade secret per 29 CFR 1910.1200)	68333-79-9	18-25%
NO REPORTABLE HAZARDOUS INGREDIENTS		19-37%

4. First-aid measures

Inhalation	Remove person to fresh air. If necessary, seek advice of a physician.
Skin contact	Wash skin with soap and water. Launder clothing before reuse.
Eye contact	In case of eye contact, flush with running water for at least 15 minutes. If irritation persists, seek advice of a physician.
Ingestion	If swallowed, induce vomiting and seek medical attention.

5. Fire-fighting measures

Suitable extinguishing media	For dry solids use water foam CO2 or dry chemical fire-fighting apparatus.
Unsuitable extinguishing media	None.

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Specific hazards arising from the substance or mixture	None.
Special protective equipment and precautions for fire-fighters	Closed container exposed to heat may rupture due to pressure build up.

6. Accidental release measures

Personnel precautions	None.
Environmental precautions	Avoid runoff into storm sewers, ditches, and waterways.
Cleanup measures	Flush spilled material into suitable retaining areas or containers with large quantities of water. Small amounts may be absorbed into appropriate absorbent.

7. Handling and storage

Precautions for safe handling	Avoid breathing mist. Avoid prolonged skin contact.
Engineering controls	If sprayed inside, use local exhaust ventilation. Otherwise, general ventilation is adequate.
Conditions for safe storage	Store upright in original sealed containers and in a cool, dry, and ventilated location.
Storage temperature	Store between 40°F and 80°F. Do not freeze.
Shelf life	Shelf life is one year, if stored properly. Once container is opened, chemical must be used completely.

8. Exposure controls/Personal protection

VOC	47 Grams/Liter
Exposure controls	Use appropriate engineering controls such as proper ventilation. Where such systems are not effective, wear suitable personal protective equipment, which performs satisfactorily and meets OSHA or other recognized standards.
Personal protective equipment	
Eye/Face protection	Wear goggles to avoid overspray and splashing. Eye and face protection should be in accordance with OSHA 29 CFR 1910.133.
Hand/Arm protection	Rubber or plastic gloves are recommended.
Respiratory protection	Not mandatory.

9. Physical and chemical properties

Appearance	
Physical state	Liquid.
Color	Milky white (clears as it dries).
Odor	Very faint odor.
Odor threshold	Not applicable.
pH	
% volatile by vol	
Freezing point	32°F
Boiling point	212°F
Specific gravity	1.08
Evaporation rate	Less than water.
Vapor pressure	None.
Vapor density	Equal to water.

10. Stability and reactivity

Reactivity	None.
Chemical stability	Stable.
Incompatible materials	None.
Decomposition materials	None.

11. Toxicological information

Acute toxicity

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Potential health effects

Inhalation	May be harmful if inhaled. Short-term exposure may cause irritation of nose, throat and lungs.
Eyes/Skin	May be harmful in contact with eyes/skin. Short-term exposure may cause irritation.
Ingestion	May be harmful if swallowed. Possible stomach irritation and nausea.

12. Ecological information

Ecotoxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

13. Disposal considerations

Waste disposal of product	Do not discharge product into storm or waste water sewer systems.
Contaminated packaging	Dispose of in accordance with federal, state, and local regulations.
Container disposal	Plastic pails are recyclable. Rinse well before recycling or disposal. Dispose of in accordance with federal, state, and local regulations. Contact local authorities for further information.

14. Transport information

Land transport	
USDOT	Non-hazardous product. Not regulated.
Marine transport	
IMDG	Non-hazardous product. Not regulated.
Air transport	
IATA	Non-hazardous product. Not regulated.

15. Regulatory information

Additional safety, health and environmental regulations	Not applicable.
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16. Other information

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 and prepared to GHS.	
Preparation information	
Prepared by	
Disclaimer	It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information given is presented in good faith and believed to be correct as of the date hereof, based on available data, material components, and similar materials. Dharma Trading Co cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used.