

SAFETY DATA SHEET



FLORIDA PAINTS

5340 AQUATRA: Industrial DTM Gloss Enamel

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	DTM GLOSS COATING - WHITE
Product Code:	5340
Product Use:	Paint


Manufacturer

FLORIDA PAINTS
78 THIRD STREET
WINTER GARDEN, FL 34787 | 407.986.1000

24 Hour Emergency Telephone Number

CHEMTEL (US): (800)255-3924
CHEMTEL (International): (813)248-0585

2. HAZARDS IDENTIFICATION

Classification:	This material is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Skin Sensitization: Category 1 Carcinogenicity: Category 2
Signal Word:	Warning
Pictograms:	
Hazard Statements:	H317: May cause an allergic skin reaction H351: Suspected of causing cancer
Prevention Precautionary Statements:	P201: Obtain special instructions before use P202: Do not handle until all safety precautions have been read and understood P261: Avoid breathing dust/fumes/gas/mist/vapors/spray P272: Contaminated work clothing should not be allowed out of the workplace P280: Wear protective gloves/protective clothing/eye protection/face protection P281: Use personal protective equipment as required
Response Precautionary Statements:	P302+352: IF ON SKIN: Wash with plenty of water P308+313: IF exposed: Call a POISON CENTER or doctor/physician P333+313: If skin irritation or a rash occurs: Get medical advice/attention P363: Wash contaminated clothing before reuse
Storage Precautionary Statements:	P405: Store locked up

Disposal Precautionary Statements:	P501: Dispose of contents/container to an approved waste disposal plant
Hazards Not Otherwise Classified:	May cause allergic skin reaction

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Weight %	CAS Number
Titanium dioxide	20% to 30%	13463-67-7
Texanol ester alcohol	1% to 5%	25265-77-4
Dipropylene glycol methyl ether	1% to 5%	34590-94-8
Silicon dioxide	1% to 5%	7631-86-9
Diethylene glycol butyl ether	1% to 5%	112-34-5
Alumina trihydrate	1% to 5%	21645-51-2
Hydrous alumino silicate	0% to 1%	8031-18-3
Ammonium hydroxide	0% to 1%	1336-21-6
Poly(ethylene glycol-ran-propylene glycol)	0% to 1%	9038-95-3
Propylene glycol	0% to 1%	57-55-6
Zirconium dioxide	0% to 1%	1314-23-4
Polypropylene glycol	0% to 1%	25322-69-4
4,4-dimethyloxazolidine	0% to 1%	51200-87-4

4. FIRST AID MEASURES

General Advice:	No hazards requiring special first aid measures
Eyes:	Remove contact lenses, if applicable. Flush eyes with water for at least 10 minutes. Keep eyes wide open while flushing. Consult a physician if symptoms persist.
Skin:	Remove contaminated clothing. Flush affected area with soap and water. Consult a physician if irritation persists. Wash contaminated clothing before re-use.
Ingestion:	Remove dentures if applicable and wash out mouth with water. Drink large amounts of water. Consult a physician if symptoms persist.
Inhalation:	Move to fresh air. If not breathing, give artificial respiration and consult a physician immediately. Consult a physician if symptoms persist.
Most Important Symptoms/Effects:	May cause allergic skin reaction
Notes to Physician:	Treat symptomatically

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Use measures suitable to the circumstances and environment
Precautions for Firefighters:	Wear self-contained breathing apparatus and protective gear
Specific Hazards:	Sealed containers may rupture if exposed to high temperatures

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use proper personal protective equipment. Avoid contact with skin, eyes, and clothing. Avoid breathing vapors.
Other Precautions:	If safe to do so, prevent additional spillage
Clean-Up Method:	Soak up with non-combustible absorbent material. Dispose of used absorbent in suitable containers.

7. HANDLING AND STORAGE

Handling Precautions:	Avoid contact with skin, eyes, and clothing. Avoid breathing vapors, mists, or dust. Wear respiratory equipment if ventilation is insufficient.
Storage Precautions:	Keep container upright, properly labeled, tightly closed, and out of reach of children in a cool, dry, well-ventilated area.
Incompatible Materials:	None

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ammonium hydroxide(1336-21-6)		
ACGIH STEL:	35 ppm	--
ACGIH TWA:	25 ppm	--
NIOSH ST:	35 ppm	27 mg/m3
NIOSH TWA:	25 ppm	18 mg/m3
Diethylene glycol butyl ether(112-34-5)		
ACGIH TWA:	10 ppm	--
Dipropylene glycol methyl ether(34590-94-8)		
ACGIH STEL:	150 ppm	--
ACGIH TWA:	100 ppm	--
NIOSH ST:	150 ppm	900 mg/m3
OSHA TWA:	100 ppm	600 mg/m3
Polypropylene glycol(25322-69-4)		
WEEL TWA:	10 mg/m3	--
Propylene glycol(57-55-6)		
WEEL TWA:	10 mg/m3	--
Silicon dioxide(7631-86-9)		
NIOSH TWA:	6 mg/m3	--
OSHA TWA:	20 mil particles/ft3	80 mg/m3/%SiO2
Titanium dioxide(13463-67-7)		
TWA:	ACGIH: 10 mg/m3	OSHA: 15 mg/m3
Zirconium dioxide(1314-23-4)		
ACGIH:	TWA: 5 mg/m3	STEL: 10 mg/m3
NIOSH:	TWA: 5 mg/m3	STEL: 10 mg/m3
OSHA:	TWA: 5 mg/m3	--

Engineering Measures:	Maintain adequate ventilation to keep exposure to airborne contaminants at safe levels. Use explosion-proof equipment.
Hygiene Measures:	No eating, drinking, or smoking while in use. Avoid contact with skin, eyes, and clothing. Wash hands, forearms, and face after handling. Wash contaminated clothing before re-use.
Eye/Face Protection:	Safety glasses/goggles
Skin Protection:	Protective gloves and protective clothing
Respiratory Protection:	Respiratory equipment if ventilation is inadequate

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Determined by customer (white by default)
Odor:	Little to none
Odor Threshold:	No information available
pH:	8.5-9.5
Melting Point (°F):	No information available
Boiling Point (°F):	100.0 -212
Flash Point (°F):	120.00
Flash Point Method:	Closed cup
Evaporation Rate:	No information available
Flammability (Solid/Gas):	No information available
Flammability Limits:	No information available
Vapor Pressure (mm Hg):	No information available
Vapor Density:	No information available
Specific Gravity:	No information available
% Solubility in Water:	No information available
Octanol/Water Partition Coefficient:	No information available
Auto-Ignition Temperature (°F):	No information available
Decomposition Temperature (°F):	No information available
Viscosity (KU):	105-110
Volatile Organic Compounds (g/L):	211.3

10. STABILITY AND REACTIVITY

Reactivity:	Not applicable
Possibility of Hazardous Reactions:	None under normal conditions of use
Hazardous Decomposition Products:	None under normal conditions of use
Stability:	Stable under normal storage conditions
Incompatible Materials:	None
Conditions to Avoid:	Freezing

11. TOXICOLOGICAL INFORMATION

Alumina trihydrate(21645-51-2)	
Oral LD50 (rat):	>2000 mg/kg
Diethylene glycol butyl ether(112-34-5)	
Dermal LD50 (rabbit):	2764 mg/kg
Oral LD50 (rat):	7291 mg/kg
Dipropylene glycol methyl ether(34590-94-8)	
Dermal LD50 (rabbit):	9510 mg/kg
Oral LD50 (rat):	>5000 mg/kg
Poly(ethylene glycol-ran-propylene glycol)(9038-95-3)	
Dermal LD50 (rabbit):	>20800 mg/kg
Oral LD50 (rat):	12792 mg/kg
Polypropylene glycol(25322-69-4)	
Dermal LD50 (rabbit):	>3000 mg/kg
Oral LD50 (rat):	>2000 mg/kg
Propylene glycol(57-55-6)	
Dermal LD50 (rabbit):	20800 mg/kg
Intramuscular LD50 (rat)	14 g/kg
Intraperitoneal LD50 (mouse):	9718 mg/kg
Intraperitoneal LD50 (rat):	6660 mg/kg
Intravenous LD50 (dog):	26 g/kg
Intravenous LD50 (mouse):	6630 mg/kg
Intravenous LD50 (rabbit):	6500 mg/kg
Intravenous LD50 (rat):	6423 mg/kg
Oral LD50 (rat):	20000 mg/kg
Subcutaneous LD50 (mouse):	17370 mg/kg
Subcutaneous LD50 (rat):	22500 mg/kg
Silicon dioxide(7631-86-9)	
Oral LD50 (rat):	3160 mg/kg
Texanol ester alcohol(25265-77-4)	
Dermal LD50 (rabbit):	15200 mg/kg
Oral LD50 (rat):	6500 mg/kg
Titanium dioxide(13463-67-7)	
Dermal LD50 (rabbit):	>10000 mg/kg
Oral LD50 (rat):	>10000 mg/kg

Primary Routes of Exposure:	Eye contact, skin contact, inhalation
Acute Toxicity:	No information available

Exposure Effects	
Eye Contact:	Irritation
Skin Contact:	Irritation, drying
Inhalation:	Irritation of respiratory system
Ingestion:	Gastrointestinal irritation, diarrhea, nausea, vomiting
Target Organ (Single Exposure):	No information available
Target Organ (Repeated Exposure):	No information available
Sensitization:	No information available
Carcinogenicity:	No information available
Mutagenicity:	No information available

Reproductive Toxicity:	No information available
Other:	No information available

12. ECOLOGICAL INFORMATION

Alumina trihydrate(21645-51-2)	
Semi-static NOEC (salmo trutta, 96 hrs):	>0.07 mg/L
Static NOEC (algae, 72 hrs):	>0.004 mg/L
Static NOEC (water flea, 48 hrs):	>0.005 mg/L
Diethylene glycol butyl ether(112-34-5)	
Biodegradability (aerobic, 28 days):	91.7%
LC50 (Pseudomonas putida, 16 hrs):	1170 mg/L
Static EC50 (Scenedesmus subspicatus, 96 hrs):	>100 mg/L
Static EC50 (water flea, 48 hrs):	>100 mg/L
Static LC50 (Lepomis macrochirus, 96 hrs):	1300 mg/L
Dipropylene glycol methyl ether(34590-94-8)	
Biodegradability (aerobic, 28 days):	76%
Growth inhibition EC50 (Pseudokirchneriella subcapitata, 72 hrs):	>969 mg/L
Immobilization EC50 (water flea, 48 hrs):	1919 mg/L
Static LC50 (guppy, 96 hrs):	>1000 mg/L
Polypropylene glycol(25322-69-4)	
Biodegradability (aerobic, 28 days):	86.6%
EC50 (bacteria, 3 hrs):	>1000 mg/L
Static EC50 (green algae, 72 hrs):	>100 mg/L
Static EC50 (water flea, 48 hrs):	105.8 mg/L
Static LC50 (zebra fish, 96 hrs):	>100 mg/L
Propylene glycol(57-55-6)	
EC50 (water flea, 48 hrs):	>10000 mg/L
Mortality NOEC (fathead minnow, 96 hrs):	52930 mg/L
Mortality NOEC (water flea, 48 hrs):	13020 mg/L
Texanol ester alcohol(25265-77-4)	
Biodegradability (aerobic, 28 days):	>98%
Static EC50 (green algae, 72 hrs):	18.4 mg/L
Static EC50 (water flea, 48 hrs):	147.8 mg/L
Static LC50 (fathead minnow, 96 hrs):	33 mg/L
Titanium dioxide(13463-67-7)	
EC50 (water flea, 48 hrs):	>1000 mg/L
LC50 (fish, 96 hrs):	>1000 mg/L
Zirconium dioxide(1314-23-4)	
LC50 (zebrafish, 96 hrs):	>100 mg/L
Static EC50 (water flea, 48 hrs):	>100 mg/L

Ecotoxicological Effects:	The environmental impact of this substance has not been fully evaluated
Persistence/ Degradability:	No information available
Bioaccumulative Potential:	No information available
Environmental Mobility:	No information available
Other Effects:	No information available

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Dispose of in accordance with federal, state, provincial, and local regulations.
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14. TRANSPORT INFORMATION

DOT:	Not regulated
ICAO/IATA:	Not regulated
IMDG/IMO:	Not regulated

15. REGULATORY INFORMATION

TSCA (US):	All components are listed or exempt
DSL/NDSL (Canada):	All components are listed or exempt

<u>311/312 Hazard Categories</u>	
Fire:	No
Pressure Generating:	No
Reactivity:	No
Acute:	Yes
Chronic:	Yes

<u>CERCLA Section 302</u>	
Reportable Quantities:	Ammonium hydroxide, 1000 lbs

<u>SARA 313</u>
This material does not contain any hazardous components exceeding the reporting thresholds established by SARA Title III, Section 313.

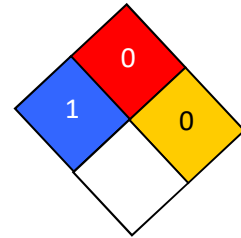
<u>State Right-to-Know</u>					
Chemical Name	CAS Number	MA	NJ	PA	RI
Titanium dioxide	13463-67-7	X	X	X	X
Texanol ester alcohol	25265-77-4		X	X	
Dipropylene glycol methyl ether	34590-94-8	X	X	X	X
Silicon dioxide	7631-86-9	X	X	X	
Diethylene glycol butyl ether	112-34-5		X	X	
Alumina trihydrate	21645-51-2		X	X	
Hydrous alumino silicate	8031-18-3		X	X	
Ammonium hydroxide	1336-21-6	X	X	X	
Poly(ethylene glycol-ran-propylene glycol)	9038-95-3		X	X	
Propylene glycol	57-55-6		X	X	X
Zirconium dioxide	1314-23-4	X	X	X	
Polypropylene glycol	25322-69-4		X	X	
4,4-dimethyloxazolidine	51200-87-4		X	X	

California Proposition 65:	This product does not contain any materials known to the state of California to cause cancer or reproductive harm
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16. OTHER INFORMATION

HMIS RATING	
Health:	1*
Flammability:	0
Reactivity:	0
Personal Protection:	--

NFPA CODES



PPE rating has been left intentionally blank. Choose appropriate PPE based upon actual conditions of use.

Revision Indicator:	Revised 5/2/2018
Disclaimer:	The information contained in this Safety Data Sheet (SDS) is provided in good faith and is believed to be accurate as of the effective date listed. The information applies only to the product as provided and may not be valid if combined with other materials. No warranty is implied or given. The user is responsible for complying with all applicable laws and regulations.