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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### Product identifier

Product Name SERIES 2150 DTM ACRYLIC GLOSS WHITE-COLORS

### Other means of identification

Synonyms None

### Recommended use of the chemical and restrictions on use

Recommended Use Paint, Latex

Uses advised against No information available

### Details of the supplier of the safety data sheet

Supplier Name MERCURY PAINT

Supplier Address 4808 FARRAGUT ROAD  
BROOKLYN  
NY  
11203  
US

Supplier Phone Number Phone:7184698787  
Fax:7184698787

Supplier Email VGANDHI@MERCURYPAINT.COM

### Emergency telephone number

Company Emergency Phone Number CHEMTREC18004249300

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

Carcinogenicity	Category 2
Reproductive Toxicity	Category 2
Flammable liquids	Category 4



**GHS Label elements, including precautionary statements**

<b>Emergency Overview</b>		
<b>Signal word</b>	<b>Warning</b>	
<b>Hazard Statements</b>		
Suspected of causing cancer		
Suspected of damaging fertility or the unborn child		
Combustible liquid		
		
<b>Appearance</b> Multiple Colors	<b>Physical state</b> Liquid	<b>Odor</b> Ammonia

**Precautionary Statements - Prevention**

Obtain special instructions before use  
 Do not handle until all safety precautions have been read and understood  
 Use personal protective equipment as required  
 Keep away from heat/sparks/open flames/hot surfaces. - No smoking

**Precautionary Statements - Response**

IF exposed or concerned: Get medical advice/attention

**Fire**

In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

33.45% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

Harmful to aquatic life with long lasting effects  
 PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE IRRITATION

**Interactions with Other Chemicals**

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%	Trade Secret
Titanium dioxide	13463-67-7	10 - 30	*
Diethylene glycol monomethyl ether	111-77-3	1 - 5	*
2-Propanol, 1-(2-butoxy-1-methylethoxy)-	29911-28-2	1 - 5	*
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate	25265-77-4	1 - 5	*
Zinc oxide	1314-13-2	0.1 - 1	*
Polyethylene glycol branched nonylphenyl ether	68412-54-4	0.1 - 1	*
Trizinc diphosphate	7779-90-0	0.1 - 1	*
Sodium nitrite	7632-00-0	0.1 - 1	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret

### 4. FIRST AID MEASURES

#### First aid measures

<b>Eye contact</b>	Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.
<b>Skin contact</b>	Wash with soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

#### Most important symptoms and effects, both acute and delayed

**Most Important Symptoms and Effects** No information available.

#### Indication of any immediate medical attention and special treatment needed

**Notes to Physician** Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

### Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

### Unsuitable extinguishing media

CAUTION: Use of water spray when fighting fire may be inefficient.

### Specific hazards arising from the chemical

Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray.

**Uniform Fire Code**                      Combustible Liquid: III-A

### Hazardous Combustion Products

Carbon oxides.

### Explosion Data

**Sensitivity to Mechanical Impact**      No.

**Sensitivity to Static Discharge**        Yes.

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

**Personal precautions**                      Avoid contact with eyes. Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material.

**Other Information**                              Refer to protective measures listed in Sections 7 and 8.

### Environmental precautions

**Environmental precautions**              Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so.

### Methods and material for containment and cleaning up

**Methods for containment**                      Prevent further leakage or spillage if safe to do so. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

**Methods for cleaning up**                      Pick up and transfer to properly labeled containers. Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

**Handling** Do not breathe dust/fume/gas/mist/vapors/spray.

### Conditions for safe storage, including any incompatibilities

**Storage** Store locked up. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible Products** None known based on information supplied.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>
Zinc oxide 1314-13-2	STEL: 10 mg/m <sup>3</sup> respirable fraction TWA: 2 mg/m <sup>3</sup> respirable fraction	TWA: 5 mg/m <sup>3</sup> fume TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 5 mg/m <sup>3</sup> fume (vacated) TWA: 10 mg/m <sup>3</sup> total dust (vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) STEL: 10 mg/m <sup>3</sup> fume	IDLH: 500 mg/m <sup>3</sup> Ceiling: 15 mg/m <sup>3</sup> dust TWA: 5 mg/m <sup>3</sup> dust and fume STEL: 10 mg/m <sup>3</sup> fume

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

**Other Exposure Guidelines** Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

### Appropriate engineering controls

**Engineering Measures** Showers  
Eyewash stations  
Ventilation systems

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Tight sealing safety goggles.

**Skin and body protection** Wear protective gloves and protective clothing.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or

smoke when using this product. Wash hands before breaks and immediately after handling the product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Physical and Chemical Properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Ammonia
<b>Appearance</b>	Multiple Colors	<b>Odor Threshold</b>	No information available
<b>Color</b>	No information available		

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
<b>pH</b>	8+	None known
<b>Melting / freezing point</b>	No data available	None known
<b>Boiling point / boiling range</b>	>37.78 C (>100 F)	None known
<b>Flash Point</b>	93 C / 199 F	None known
<b>Evaporation Rate</b>	No data available	None known
<b>Flammability (solid, gas)</b>	No data available	None known
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No data available	
<b>Lower flammability limit</b>	No data available	
<b>Vapor pressure</b>	2.5 kpa (18.6 mm HG) @ room temp.	None known
<b>Vapor density</b>	No data available	None known
<b>Specific Gravity</b>	1.183	None known
<b>Water Solubility</b>	Soluble in water	None known
<b>Solubility in other solvents</b>	No data available	None known
<b>Partition coefficient: n-octanol/water</b>	No data available	None known
<b>Autoignition temperature</b>	No data available	None known
<b>Decomposition temperature</b>	No data available	None known
<b>Kinematic viscosity</b>	No data available	None known
<b>Dynamic viscosity</b>	No data available	None known
<b>Explosive properties</b>	No data available	
<b>Oxidizing properties</b>	No data available	

### Other Information

<b>Softening Point</b>	No data available
<b>VOC Content (%)</b>	55% (v/v); 46% (v/w)
<b>Particle Size</b>	No data available
<b>Particle Size Distribution</b>	

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Hazardous Polymerization

Hazardous polymerization does not occur.

### Conditions to avoid

Heat, flames and sparks.

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	Specific test data for the substance or mixture is not available.
<b>Eye contact</b>	Specific test data for the substance or mixture is not available.
<b>Skin contact</b>	Specific test data for the substance or mixture is not available.
<b>Ingestion</b>	Specific test data for the substance or mixture is not available.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-
2-Propanol, 1-(2-butoxy-1-methylethoxy)- 29911-28-2	= 1620 µL/kg ( Rat )	= 5860 µL/kg ( Rabbit )	= 42.1 ppm ( Rat ) 4 h
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate 25265-77-4	= 3200 mg/kg ( Rat )	> 15200 mg/kg ( Rat )	-
Zinc oxide 1314-13-2	> 5000 mg/kg ( Rat )	-	-
Polyethylene glycol branched nonylphenyl ether 68412-54-4	-	= 1780 µL/kg ( Rabbit )	-
Trizinc diphosphate 7779-90-0	> 5000 mg/kg ( Rat )	-	-
Sodium nitrite 7632-00-0	= 85 mg/kg ( Rat )	-	= 5.5 mg/L ( Rat ) 4 h

### Information on toxicological effects

**Symptoms** No information available.

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Sensitization** No information available.**Mutagenic Effects** No information available.**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7		Group 2B		X
Sodium nitrite 7632-00-0		Group 2A		X

**Reproductive toxicity** Contains a known or suspected reproductive toxin.**STOT - single exposure** No information available.**STOT - repeated exposure** No information available.

**Chronic Toxicity** No known effect based on information supplied. Contains a known or suspected carcinogen. Contains a known or suspected reproductive toxin. Possible risk of irreversible effects. Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation.

**Target Organ Effects** Respiratory system. Eyes. Skin. Gastrointestinal tract (GI). Reproductive System.

**Aspiration Hazard** No information available.**Numerical measures of toxicity Product Information**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)**  
12,759.00 mg/kg

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Diethylene glycol monomethyl ether 111-77-3	72h EC50: > 500 mg/L (Desmodesmus subspicatus)	96h LC50: = 7500 mg/L (Lepomis macrochirus) 96h LC50: = 5741 mg/L (Pimephales promelas)	EC50 > 10000 mg/L 17 h	48h EC50: > 500 mg/L
2-Propanol, 1-(2-butoxy-1-methylethoxy)- 29911-28-2		96h LC50: = 841 mg/L (Poecilia reticulata)		
2,2,4-Trimethylpentane-1,3- diol monoisobutyrate 25265-77-4	72h EC50: = 18.4 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 30 mg/L (Pimephales promelas)		96h LC50: > 95 mg/L
Sodium nitrite 7632-00-0		96h LC50: 0.092 - 0.13 mg/L (Oncorhynchus mykiss) 96h LC50: 0.4 - 0.6 mg/L (Oncorhynchus mykiss) 96h LC50: 0.65 - 1 mg/L (Oncorhynchus mykiss) 96h LC50: = 2.3 mg/L (Pimephales promelas) 96h LC50: = 20 mg/L (Pimephales promelas) 96h LC50: = 0.19 mg/L (Oncorhynchus mykiss)		

### Persistence and Degradability

No information available.

### Bioaccumulation

Chemical Name	Log Pow
Diethylene glycol monomethyl ether 111-77-3	-0.682
2,2,4-Trimethylpentane-1,3-diol monoisobutyrate 25265-77-4	3.47
Sodium nitrite 7632-00- 0	-3.7

### Other adverse effects

No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Disposal methods**

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

**California Hazardous Waste Codes 331**

This product contains one or more substances that are listed with the State of California as a hazardous waste.

Chemical Name	California Hazardous Waste
Zinc oxide 1314-13-2	Toxic
Trizinc diphosphate 7779-90-0	Toxic
Sodium nitrite 7632-00-0	Toxic Ignitable Reactive

**14. TRANSPORT INFORMATION**

**DOT**  
 Proper Shipping Name: NOT REGULATED  
 Hazard Class: NON REGULATED  
 N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA**  
 Proper Shipping Name: Not regulated  
 Hazard Class: NON REGULATED  
 N/A

**IMDG/IMO**  
 Hazard Class: Not regulated  
 N/A

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

**15. REGULATORY INFORMATION**

**International Inventories**

TSCA Complies



DSL

All components are listed either on the DSL or NDSL.

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations****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

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Diethylene glycol monomethyl ether - 111-77-3	111-77-3	1 - 5	1.0
Zinc oxide - 1314-13-2	1314-13-2	0.1 - 1	1.0
Trizinc diphosphate - 7779-90-0	7779-90-0	0.1 - 1	1.0
Sodium nitrite - 7632-00-0	7632-00-0	0.1 - 1	1.0

**SARA 311/312 Hazard Categories**

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	Yes
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
Zinc oxide 1314-13-2		X		
Trizinc diphosphate 7779-90-0		X		
Sodium nitrite 7632-00-0	100 lb			X

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances RQs	RQ
Sodium nitrite 7632-00-0	100 lb		RQ 100 lb final RQ RQ 45.4 kg final RQ

**US State Regulations****California Proposition 65**

This product contains the following Proposition 65 chemicals.

Chemical Name	California Proposition 65
Titanium dioxide - 13463-67-7	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Titanium dioxide 13463-67-7	X	X	X		
Diethylene glycol monomethyl ether 111-77-3		X	X	X	X



**International Regulations**

Component	Carcinogen Status	Exposure Limits
Titanium dioxide 13463-67-7 ( 10 - 30 )		Mexico: TWA= 10 mg/m <sup>3</sup> Mexico: STEL= 20 mg/m <sup>3</sup>
Zinc oxide 1314-13-2 ( 0.1 - 1 )		Mexico: TWA 5 mg/m <sup>3</sup> Mexico: TWA 10 mg/m <sup>3</sup> Mexico: STEL 10 mg/m <sup>3</sup>

**Canada**  
**WHMIS Hazard Class**  
Not determined

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b> 1	<b>Flammability</b> 2	<b>Instability</b> 0	<b>Physical and Chemical Hazards - Personal Protection</b> X
<b>HMIS</b>	<b>Health Hazards</b> 1*	<b>Flammability</b> 2	<b>Physical Hazard</b> 0	

**Chronic Hazard Star Legend** \* = Chronic Health Hazard

**Prepared By** Product Stewardship  
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**Revision Note** No information available

**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 guidance 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**

