

Revision Date : 02-apr.-2015

## Safety Data Sheet

### Section 1 : Identification of the Substance/Mixture and of the Company / Undertaking / Society / Enterprise

#### 1.1. Product Identifier

Product Name : **Final Fix**

Products Covered Code : **84326**  
**84327B**  
**84328G**

#### 1.2. Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use	Adhesives.
Uses Advised Against	No information available

#### 1.3. Details of the Supplier of the Safety Data Sheet

Company Name	Lalonde Marine Distribution CP 10042 succ. Curé Poirier Longueuil, Québec, Canada J4K 0B3 450-821-8000 lalondemarinedistribution@gmail.com
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#### 1.4. Emergency Telephone Number

Téléphone : (1) 450-821-8000

### Section 2 : Hazards Identification

#### 2.1. Classification of the Substance or Mixture

##### EMERGENCY OVERVIEW

Not a dangerous substance or mixture according to OSHA 29 CFR 1910.1200

#### 2.2. Label Elements

Appearance	No information available
Physical State	Solid
Odor	No information available

Precautionary Statements – Prevention	Not Applicable
Precautionary Statements – Storage	Not Applicable
Precautionary Statements – Disposal	Not Applicable
Hazards Not Otherwise Classified (HNOC)	Not Applicable
Unknown Toxicity	1.97% of the mixture consists of ingredient(s) of unknown toxicity

### 2.3. Other Information

May be harmful if swallowed  
May be harmful in contact with skin  
Causes mild skin irritation  
Small amounts of methanol (67-56-1) are formed by hydrolysis and released upon curing

## Section 3 : Composition / Information on Ingredients

### 3.1 Substances

Not Applicable

### 3.2 Mixtures

Chemical Name	CAS No.	Weight - %
Carbonic acid, calcium salt (1:1)	471-34-1	30 - 60
Titanium dioxide	13463-67-7	1 - 5
1-Propanamine, 3-(trimethoxysilyl)-	13822-56-5	1 - 5

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

## Section 4 : First Aid Measures

### 4.1. Description of First Aid Measures

#### General Advice

Remove contaminated clothing and shoes. If medical advice is needed, have product container or label at hand.

#### Eye Contact

Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Hold eyelids apart and consult a physician.

#### Skin Contact

Wash off immediately with soap and plenty of water. In the case of skin irritation or allergic reactions see a physician.

#### Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

#### Ingestion

If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. If swallowed, rinse mouth with water (only if the person is conscious).

#### Self-protection of the First Aider

First aider: Pay attention to self-protection.

### 4.2. Most Important Symptoms and Effects, Both Acute and Delayed

#### Symptoms

None known.

### 4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed

#### Note to Physicians

Small amounts of methanol (67-56-1) are formed by hydrolysis and released upon curing.

### 4.4. Reference to Other Sections

#### Reference to Other Sections

SECTION 8: Exposure Controls/Personal Protection  
SECTION 11: Toxicological Information

## Section 5 : Fire Fighting Measures

#### Suitable Extinguishing Media

Carbon dioxide (CO<sub>2</sub>). Extinguishing powder. Water spray or fog.  
Alcohol resistant foam.

#### Unsuitable Extinguishing Media

Full water jet.

### 5.2. Special Hazards Arising from the Substance or Mixture

#### Specific Hazards Arising from the Chemical

Thermal decomposition can lead to release of toxic/corrosive gases and vapors. Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

<b>Explosion Data</b>	
<b>Sensitivity to Mechanical Impact</b>	None.
<b>Sensitivity to Static Discharge</b>	None.

### 5.3. Advice for Firefighters

#### **Protective Equipment and Precautions for Firefighters**

In case of fire: Wear self-contained breathing apparatus. Do not allow run-off from fire-fighting to enter drains or water courses.

## Section 6 : Accidental Release Measures

### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

<b>Personal Precautions</b>	Use personal protection equipment. Avoid contact with skin, eyes or clothing.
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### 6.2. Environmental Precautions

<b>Environmental Precautions</b>	Prevent entry into waterways, sewers, basements or confined areas. Do not allow to enter into soil/subsoil.
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### 6.3. Methods and Material for Containment and Cleaning up

<b>Methods for Containment</b>	Contain and collect spillage with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see Section 13).
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<b>Methods for Cleaning up</b>	Use personal protective equipment as required. Dam up. Cover liquid spill with sand, earth or other non-combustible absorbent material. Take up mechanically, placing in appropriate containers for disposal. Clean contaminated surface thoroughly.
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### 6.4. References to Other Sections

<b>Reference to Other Sections</b>	SECTION 8: Exposure Controls/Personal Protection SECTION 7: Handling and Storage SECTION 13: Disposal Considerations
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## Section 7 : Handling and Storage

### 7.1. Precautions for Safe Handling

<b>Advice on Safe Handling</b>	Avoid contact with skin, eyes or clothing. Use personal protective equipment as required. Fire prevention measures. No special measures are necessary.
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### 7.2. Conditions for Safe Storage, including any Incompatibilities

<b>Storage Conditions</b>	Protect from moisture. Keep container tightly closed in a cool place. Keep away from food, drink and animal feeding stuffs. Recommended storage temperature. 10 - 35 °C.
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<b>Incompatible Materials</b>	None known based on information supplied.
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### 7.3. Specific End Use(s)

<b>Specific Use(s)</b>	Sealant. For additional information, see Technical Data Sheet.
<b>Other Information</b>	No information available.

### 7.4. References to Other Sections

<b>Reference to Other Sections</b>	SECTION 13: Disposal Considerations SECTION 10: Stability and Reactivity
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## Section 8 : Exposure Controls/Personal Protection

### 8.1. Control Parameters

<b>Exposure Guidelines</b>	Small amounts of methanol (67-56-1) are formed by hydrolysis and released upon curing.
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Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexico
Carbonic acid, calcium salt (1:1) 471-34-1	-	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust	-	-
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	IDLH: 5000 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust	TWA: 10 mg/m <sup>3</sup> STEL: 20 mg/m <sup>3</sup>

Chemical Name	Argentina	Brazil	Chile	Venezuela
Carbonic acid, calcium salt (1:1) 471-34-1	-	-	-	TWA: 10 mg/m <sup>3</sup>
Titanium dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	-	-	TWA: 10 mg/m <sup>3</sup>

Chemical Name	ACGIH TLV	NIOSH IDLH	OSHA PEL	Mexique
Methanol 67-56-1	STEL: 250 ppm TWA: 200 ppm S*	IDLH: 6000 ppm TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 325 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup>	TWA: 200 ppm TWA: 260 mg/m <sup>3</sup> STEL: 250 ppm STEL: 310 mg/m <sup>3</sup>

Chemical name	Argentina	Brazil	Chile	Venezuela
Methanol 67-56-1	TWA: 200 ppm Skin STEL: 250 ppm	TWA: 156 ppm TWA: 200 mg/m <sup>3</sup> Skin	TWA: 160 ppm TWA: 210 mg/m <sup>3</sup> Skin	Skin STEL: 250 ppm TWA: 200 ppm

## 8.2. Exposure Controls

### Other Information

Small amounts of methanol (67-56-1) are formed by hydrolysis and released upon curing.

### Engineering Controls

Showers  
Eyewash stations  
Ventilation systems.

### Personal protective equipment [PPE]

#### Eye/Face Protection

Wear safety glasses with side shields (or goggles).

#### Skin and Body Protection

Wear suitable chemical resistant gloves. The selection of suitable gloves does not only depend on the material, but also on further marks of quality and various manufacturers.

#### Respiratory Protection

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

#### General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse.

## Section 9 : Physical and Chemical Properties

### 9.1. Information on Basic Physical and Chemical Properties

Physical State	Solid
Color	Grey(84326 and 84328G), Black (84327B)
Odor	No information available
Odor Threshold	No information available

<u>Property</u>	<u>Values</u>
pH	No information available
Melting Point/Freezing Point	No information available
Boiling Point	No information available
Flash Point	> 100 °C / > 212 °F
Evaporation Rate	No information available
Flammability (solid, gas)	No information available
Flammability Limits in Air	
Upper Flammability Limits	No information available
Lower Flammability Limit	No information available
Vapor Pressure	No information available
Vapor Density	No information available
Specific Gravity	No information available
Water Solubility	No information available
Solubility in Other Solvents	No information available
Partition Coefficient	No information available
Auto-ignition Temperature	No information available
Decomposition Temperature	No information available
Kinematic Viscosity	No information available
Dynamic Viscosity	No information available
Explosive Properties	No information available
Oxidizing Properties	No information available

### 9.2. Other Information

Softening Point	No information available
Molecular Weight	No information available
Solvent Content (%)	No information available
Solid Content (%)	No information available
Density	1.40 g/cm <sup>3</sup>
VOC	No information available

## Section 10 : Stability and Reactivity

### 10.1. Reactivity

None under normal use conditions.

### 10.2. Chemical Stability

Stable under recommended storage conditions.

### 10.3. Possibility of Hazardous Reactions

None under normal processing.

### 10.4. Conditions to Avoid

Extremes of temperature and direct sunlight.

### 10.5. Incompatible Materials

None known based on information supplied.

### 10.6. Hazardous Decomposition Products

None known based on information supplied.

## Section 11 : Toxicological Information

### 11.1. Information on Toxicological Effects

<b>Product Information</b>	No data available
<b>Inhalation</b>	No data available.
<b>Eye Contact</b>	No data available.
<b>Skin Contact</b>	No data available.
<b>Ingestion</b>	No data available.

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Carbonic acid, calcium salt (1:1) 471-34-1	= 6450 mg/kg ( Rat )	>2000 mg/kg	LC50 (4h) >3mg/ml (Rat)
Titanium dioxide 13463-67-7	> 10000 mg/kg ( Rat )	-	-

### Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure

<b>Symptoms</b>	No information available.
<b>Skin Corrosion/Irritation</b>	No information available.
<b>Serious Eye Damage/Eye Irritation</b>	No information available.
<b>Irritation</b>	No information available.
<b>Corrosivity</b>	No information available.
<b>Sensitization</b>	No information available.
<b>Germ Cell Mutagenicity</b>	No information available.
<b>Reproductive Toxicity</b>	No information available.
<b>Developmental Toxicity</b>	No information available.
<b>Teratogenicity</b>	No information available.
<b>STOT - Single Exposure</b>	No information available.
<b>STOT - Repeated Exposure</b>	No information available.
<b>Chronic Toxicity</b>	No information available.
<b>Target Organ Effects</b>	Eyes, Lungs, Respiratory system, Skin.
<b>Aspiration Hazard</b>	No information available.
<b>Carcinogenicity</b>	The components of this product are inextricably bound in a polymer matrix and are not expected to be available as airborne hazards (dust, mist, or spray) under normal condition of use.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium dioxide 13463-67-7	-	Group 2B	-	X

#### IARC (International Agency for Research on Cancer)

*Group 2B - Possibly Carcinogenic to Humans*

**OSHA (Occupational Safety and Health Administration of the US Department of Labor)**

*X – Present*

## Section 12 : Ecological Information

### 12.1. Toxicity

Chemical Name	Algae/Aquatic Plants	Fish	Toxicity to Microorganisms	Crustacea
Carbonic acid, calcium salt (1:1) 471-34-1	IC50 72H Algae >1000 mg/l	CL50 96H Fish >1000 mg/l		EC50 48H Daphnia >1000 mg/l

### 12.2. Persistence and Degradability

No information available.

### 12.3. Bioaccumulative Potential

No information available.

### 12.4. Mobility in Soil

No information available.

### 12.5 Other adverse effects

No information available

## Section 13 : Disposal Considerations

### 13.1. Waste Treatment Methods

#### Disposal of Wastes

It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal methods in compliance with applicable regulations

#### Contaminated Packaging

Dispose of in accordance with federal, state and local regulations

## Section 14 : RENSEIGNEMENTS RELATIFS AU TRANSPORT

DOT

Not regulated

IATA

Not regulated

IMDG

Not regulated

## Section 15 : Regulatory Information

### Global Inventories

TSCA	Listed
DSL	Listed

This product contains a substance that is the subject of a proposed Significant New Use Rule (SNUR) codified at 40 CFR 721.10679.

#### Legend:

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

**DSL** - Canadian Domestic Substances List

**Listed** - The components of this product are either listed or exempt from listing on inventory.

**Not Listed** - One or more components of this product are not listed on inventory.

#### Canada

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR

#### WHMIS Hazard Class

Non-controlled

#### United States of America

##### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

##### California Proposition 65

This product contains one or more of the substances listed on Proposition 65 at or above 0.01 wt. %

Chemical Name	CAS No.
Titanium dioxide	13463-67-7
Méthanol	67-56-1

## Europe

### Restrictions of Use of Hazardous Substances (RoHS) Directive 2011/65/EU

This product does not contain Lead (7439-92-1), Cadmium (7440-43-9), Mercury (7439-97-6), Hexavalent chromium (7440-47-3), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE) above the regulated limit mentioned in this regulation.

### EU-REACH (1907/2006) - Candidate List of Substances of Very High Concern (SVHC) for Authorization in accordance with Article 59

This product contains the following substance(s) on the SVHC as proposed by ECHA above a concentration of 0.1 wt. %

Chemical Name	CAS No.
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol	25973-55-1

## Section 16 : Other Information

### HMIS

Health Hazards 1  
Flammability 1  
Physical Hazards 0  
Personal Protection X

### Key or Legend to Abbreviations and Acronyms Used in the Safety Data Sheet

No information available

### Key Literature References and Sources for Data

No information available

### Préparée par

Sécurité des produits et affaires réglementaires

### Date de révision

02-avr.-2015

### Note de révision

Sans objet.

### Conseils relatifs à la formation

Aucun renseignement disponible

### Autres compléments d'information

Aucun renseignement disponible

### Prepared By

Product Safety & Regulatory Affairs

### Revision Date

02-Apr-2015

### Revision Note

Not Applicable.

### Training Advice

No information available

### Further Information

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 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**