





1. Identification of the Preparation and Company

Product Name	Xi Flexx Coating
Product Code	5310 – LB ; 5311 - DB
Reg Number	
Intended use	See Technical Data Sheet.
Application Method	See Technical Data Sheet.
Company Name	Facades XI
	15262 Capitol Port
	San Antonio, Texas - 78249
Telephone Contact	1-800-611-6602
Email Contact	info@facadesxi.com
Emergency Contact	1-830-792-5558

2. Hazard Identification of the Product

Hazard pictograms (GHS-US):	Irritant	
Hazard pictograms (GHS-US):	Health Hazards	
Signal word (GHS-US):	Warning	
Hazard statement (GHS-US):	H303 H320 H335 H313 H351 H373	Can be harmful if swallowed Causes Eye Irritation May cause respiratory irritation May be harmful in contact with skin Suspected of causing Cancer May cause damage to organs through prolonged or repeated exposure
Precautionary statements (GHS-US):	P402 P 280 P 302 + P 352 P305 + P351 + P338 P304 + P341 P301 + P310 P312 P501	Store in a dry place Wear PPE If on Skin : Wash with plenty of soap & water If in Eyes : Remove contact lenses & rinse with water for several minutes. If Inhaled: If breathing is difficult, remove victim to fresh air and keep at rest for breathing If Swallowed: Immediately call a poison center or doctor / physician Call a POISON CENTER or doctor if you feel unwell Dispose of contents and container in accordance with local, regional, national and intermediate regulations.
Supplemental Label Elements (GHS-US)	Contains isothiazolines. May cause allergic reaction. Emits toxic fumes when heated.	



HMIS Code

Health	1
Flammability	0
Reactivity	0
Protective Equipment	B

Information concerning particular hazard for human and environment

Not known to cause reproductive harm or birth defect. Keep out of reach of children.

3. Composition/Information on Ingredients

Chemical Characterization:

Dangerous components:			
CAS #	Name	Exposure Limit	
1317-65-3	Calcium carbonate	ACGIH TLV	0.025 mg/m ³ (respirable)
		OSHA PEL (Total)	15 mg/m ³
		OSHA PEL (Respirable)	5 mg/m ³
65997-15-1	Titanium dioxide	ACGIH TLV	10 mg/m ³
		OSHA PEL	15mg/m ³
1305-62-0	Nuisance dust		
2682-20-4	2- methylisothiazol-3(2H)-one	ACGIH TLV 3 mg/m ³	Not Available
		OSHA PEL (Respirable quartz)	Not Available

4. First Aid Measures

General information:	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice.
After inhalation:	Remove to fresh air. If not breathing, give artificial respiration. If having difficulty breathing, give oxygen. Get immediate medical attention.
After skin contact:	Wash affected area thoroughly with soap and water. Remove contaminated clothes and launder before re-use.
After eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
After swallowing:	Do not induce vomiting. Get medical attention immediately.



5. Fire-Fighting Measures

General information:	This product does not support combustion and is non-flammable.
Flash point:	n/a
Suitable extinguishing agents:	Recommended alcohol-resistant foam, Co2, powders, water spray.
Hazardous combustion products:	Decomposition products may include carbon oxides and metal oxides
Protective equipment:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training
Firefighting instructions:	Fire fighters should wear appropriate protective equipment

6. Accidental Release Measure

Measures for environmental protection:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
For Emergency responders:	For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize creation of dust. For wet material, scoop material up and transfer to an open container. Allow material
Methods and materials for containment and cleaning up :	
Small spill :	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill:	Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.
Additional information:	See section 13 and section 15 for specific regulatory information concerning this product.



7. Handling and Storage

Protective measures :	Put on appropriate personal protective equipment (see Section 8). Avoid exposure obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. If during normal use the material presents a respiratory hazard, use only with adequate ventilation or wear appropriate respirator. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
Special precautions:	If this material is part of a multiple component system, read the Safety Data Sheet(s) for the other component or components before blending as the resulting mixture may have the hazards of all of its parts.
Advice on general occupational hygiene :	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities :	Do not store below the following temperature: 5°C (41°F). Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination

8. Exposure Controls / Personal Protection

Dangerous components:			
CAS #	Name	Exposure Limit	
1317-65-3	Calcium carbonate	ACGIH TLV	0.025 mg/m ³ (respirable)
		OSHA PEL (Total)	15 mg/m ³
		OSHA PEL (Respirable)	5 mg/m ³
65997-15-1	Titanium dioxide	ACGIH TLV	10 mg/m ³
		OSHA PEL	15mg/m ³
		OSHA PEL	15mg/m ³
1305-62-0	Nuisance dust	OSHA PEL	15mg/m ³
2682-20-4	2- methylisothiazol-3(2H)-one	ACGIH TLV 3 mg/m ³	Not Available
		OSHA PEL (Respirable quartz)	Not Available



Recommended monitoring procedures:

If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

Appropriate engineering controls :

If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls:

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. Physical and Chemical Properties

General information:	
Form	Liquid
Color	Colored
Odor	Mild
pH	9
Change in condition:	
Melting Point/Melting Point Range	n/a
Boiling Point/Boiling Point Range	212 ° F
Evaporation Rate:	0.05 (butyl acetate = 1)
Vapor Density:	n/a
Vapor Pressure	3.3 KPa (25 mmHg) (Room Temperature)
Specific Gravity:	1.39 ± 0.02
% Solids	55 ± 2
Solubility in/Miscibility with water:	dispersible
Density at 20°C:	11.45 lbs/gal
VOC:	6 g/L (0.066 lb/gal)



10. Stability and Reactivity

- Reactivity : No specific test data related to reactivity available for this product or its ingredients.
- Chemical stability : The product is stable.
- Possibility of hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid : When exposed to high temperatures may produce hazardous decomposition products. Refer to protective measures listed in sections 7 and 8.
- Incompatible materials : Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents, strong alkalis, strong acids.
- Hazardous decomposition products : Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, oxides of nitrogen.

11. Toxicological Information

Acute toxicity:

- Mineral Dusts : Some items mentioned in Section 8 are considered mineral dusts by OSHA and a correctly fitted, NIOSH approved respirator is required when working with this product.
- Titanium dioxide : is considered a suspected carcinogen by advising health agencies. There is one animal study where titanium dioxide exposure caused lung cancer in rats. However, the level of exposure during the test was far in excess of what would be experienced by workers during use of this product. However, care should be exercised and the use of a correctly fitted NIOSH approved respirator should be used when working with this product
- Primary irritant effect:
on the skin : Exposure of skin to wet product mix may cause chemical burns. Symptoms of exposure may take several hours to manifest.
- the eye : Exposure of eyes to wet product mix may cause chemical burns and blindness. Exposure to airborne dust can cause immediate or delayed irritation or inflammation.
- through ingestion : May be harmful if ingested.
- through inhalation : Dust generated during handling this product may cause irritation to the respiratory tract.



Additional toxicological information n/a

12. Ecological Information

Elimination (persistence and degradability):	n/a
Behavior in environmental systems:	n/a
Mobility and bioaccumulation potential:	n/a
General notes:	n/a

13. Disposal Considerations

Product recommendation:	This product must be disposed of in accordance with applicable local, state and federal regulations. Where possible, it is best to use up any excess material.
Uncleaned packaging recommendation:	Disposal must be made according to official regulations.

14. Transport Information

Land transport USDOT	Not classified as a dangerous good under transport regulations
Sea transport IMDG	Not classified as a dangerous good under transport regulations
Air transport IATA/ICAO	Not classified as a dangerous good under transport regulations



15. Regulatory Information

US Federal Regulations:

CERCLA, section 103 (40CFR302.4)
This product contains the following toxic chemicals that require notification of the National Response Center of releases of quantities of hazardous substances equal to or greater than the Reportable Quantities (RQ): No reportable quantities are present.
Clean Air Act, section 112
This product contains the following components present at or above the minimum level and listed as Hazardous or Extremely Hazardous Air Pollutants: No reportable quantities are present.
SARA, section 302 (40CFR355.30) and section 304 (40CFR355.40)
This product contains the following items that require emergency planning based on Threshold Planning Quantities (TPQ) or release reporting based on RQ: No reportable quantities are present.
SARA, section 311/312 (40CFR370.21) Hazard classification for this product
CAS 65997-15-1 Titanium Dioxide Carcinogenic - Category 2 Fire: No Pressure generating: No Reactivity: No Acute health: Yes Chronic health: Yes
SARA, section 313 (40CFR372.65)
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986: No reportable quantities are present.
EPA VOC regulations
Theoretical VOC for this product = 0.0 g/L (0.0 g/gal)
TSCA
All components of this product are listed, or are exempt from listing on the TSCA inventory.
OSHA
This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR1910.1200). Unlisted ingredients are not 'hazardous' per OSHA standards. In addition to items listed in Section 11, this product contains the following items that are specifically regulated by OSHA. Exposure limits may be found in Section 8. Titanium Dioxide CAS # 013463-67-7

**State Regulations:**

California

Warning - The following chemicals are present in this coating product in small amounts. These chemicals are listed by the California EPA as materials known to the State of California to cause cancer, (and/or) birth defects, (and/or) other reproductive harm:

Calcium carbonate

CAS # 1317-65-3

16. Other Information

The information and recommendation set forth herein are believed to be accurate. Because some of the information used to prepare this document is derived from information provided to FACADES XI from its suppliers, and because FACADES XI has no control over the conditions of handling and use, FACADES XI makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof and assumes no responsibility from use or reliance thereon. It is the responsibility of the user of FACADES XI products to comply with all applicable federal, state, and local laws and regulations.