



# FRP

## SPRAY ADHESIVE



**Ideal for Vertical Installation of the Following Materials**

**FRP • NRP • Plastic & Composite Wall Panels • LVT on Walls • Carpet Tile on Walls • Recycled Rubber • Approved Sheet Vinyl**

### PRODUCT CHARACTERISTICS

**Spray-Lock FRP Spray Adhesive** bonds approved wall and flooring material for commercial and residential vertical applications. Material must be structurally sound for use in commercial or residential applications.

**Spray-Lock FRP Spray Adhesive** uses 60% less adhesive than traditional trowel-on adhesives.

**Spray-Lock FRP Spray Adhesive** increases productivity with a faster application rate, saving time and money. Spray-Lock FRP Spray Adhesive comes in an easy-to-use aerosol can.

### ADVANTAGES

- Cuts labor cost by about 30%
- 8-hour working time
- Apply directly to wall/instant grab
- Releasable for repositioning (prior to rolling)
- Adheres to porous and non-porous substrates
- 0.0 g/ml VOC content
- Water-based adhesive
- Easy water cleanup while adhesive is still wet
- Non-flammable
- No offensive odors

### SUITABLE SUBSTRATES

**Spray-Lock FRP Spray Adhesive** adheres to most smooth, clean surfaces, including properly prepared:

- Plywood
- Drywall
- Water Resistant Drywall
- DensShield
- Metal
- FRP
- Ceramic Tile

**NOTE: Prime all joint compound.**

### TECHNICAL CHARACTERISTICS

**Spray-Lock FRP Spray Adhesive** formula is a water-based acrylic blend spray adhesive that has milky white frost bubbles in appearance and provides immediate shear strength during installation.

**Spray-Lock FRP Spray Adhesive** is solvent free, emits no harmful fumes, and contains 0.0 g/ml VOC (Volatile Organic Compounds) in content, according to EPA Test Method 8260B.

**Spray-Lock FRP Spray Adhesive** uses non-ozone depleting HFC propellant.

\*According to EPA document: "National Volatile Organic Compound Emission Standards For Consumer Products" for aerosol adhesives.

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**Spray-Lock**  
PREMIUM ECO ADHESIVES

# TECHNICAL DATA

CHEMICAL TYPE	Water-based acrylic blend
APPEARANCE	Milky white frost bubbles
ODOR	Sweet mild odor
FLASH POINT	Will not burn
NFPA 704 FLAMMABILITY RATING	0 (Non-flammable)
SHELF LIFE	3 years, if unopened
OPEN TIME	8 hours
DRY TIME	Once adhesive is dry to touch (10-20 minutes)
VOC CONTENT	0.0 g/ml calculated per EPA Test Method 8260B
STORAGE	Do not subject to freezing temperatures
CLIMATE-CONTROL SETTINGS	Building owners should become aware of the wall and flooring material manufacturer's guidelines for climate-control settings (temperature and humidity). These conditions must be monitored and kept constant to ensure the overall performance and long-term success of the installation.



## COVERAGE GUIDE

FRP ADHESIVE | 22 oz AEROSOL CAN

70 ft<sup>2</sup> (6.5 m<sup>2</sup>)  
Two 8 ft x 4 ft sheets

Coverage rates are a guide and figures will increase or decrease depending on the spraying technique implemented. Please refer to the Install Guide for detailed instructions.

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PREMIUM ECO ADHESIVES

DATE: 04.28.2022  
REV: E

ADHESIVE IDEAL FOR VERTICAL INSTALLATION OF THE FOLLOWING MATERIALS

FRP • NRP • Plastic & Composite Wall Panels • LVT on Walls  
Carpet Tile on Walls • Recycled Rubber • Approved Sheet Vinyl

1

68°F  
(20°C)



- Store adhesive at a minimum temperature of 68°F (20°C) for 24 hours prior to installation.
- Condition material per manufacturer's recommendations.
- Almacene el adhesivo a una temperatura mínima de 68°F (20°C) 24 horas antes de la instalación.
- Condición del material según las recomendaciones del fabricante.

2



- Wipe hand across surface.
- If dust transfers, substrate is not clean.
- Damp-wipe substrate if dust is present.
- Prime joint compound with latex-based primer if it is releasing dust after wiping.
- Pase la mano por encima de la superficie.
- Si se transfiere polvo, la superficie no está limpia.
- Limpie con un trapo húmedo si hay polvo presente.
- En el caso que abunde el polvo después de limpiar la superficie, cubra las uniones con un primer a base de látex.

3



- Any grease on substrate should be removed with a recommended ratio of 1 tsp Dawn dish soap per 32 oz (1 qt) water. Rinse off solution and let fully dry prior to the adhesive application.
- Cualquier grasa del sustrato debe eliminarse con una ración recomendada de 1 cucharadita de jabón para platos Dawn por cada 32 oz (1 cuarto de galón) de agua. Enjuague la solución y deje secar completamente antes de la aplicación del adhesivo.

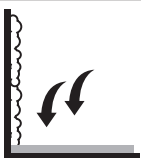
4



HVAC

- HVAC must be continuously operated for a minimum of 72 hours at a temperature of no less than 68°F (20°C) prior to installation.
- El aire acondicionado y/o sistema de ventilación debe ser operado continuamente por 72 horas a una temperatura no menor de 68°F (20°C) antes de la instalación.

5



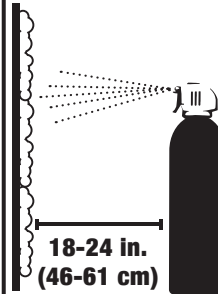
- Protect from overspray with a spray shield, drop cloths, paper, or masking.
- Proteja las estructuras adyacentes al piso con plástico, cartón, cinta adhesiva y/o cobertura de tela.

6



- Shake aerosol can well.
- Remove safety tab.
- Agite bien la lata de aerosol.
- Remueva el sello azul de seguridad.

7



- This adhesive is delivered by a low-pressure propellant. Adhesive should spray out in a wide mist and fall similar to snow towards desired surface. Refer to spray pattern photo on back.
- Hold can upright approximately 18-24 inches (46-61 cm) from the wall, aim, and pull trigger.
- Move can back and forth spraying smoothly and evenly to achieve the results shown in the photo on the reverse side.

**NOTE:** *Spray only wall surface. It's not necessary to spray back of wall material with FRP adhesive.*



HEAVY APPLICATION  
APLICACIÓN PESADA

**COVERAGE**  
70 ft<sup>2</sup>  
per can

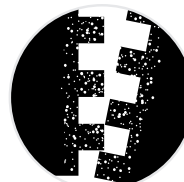
**RENDIMIENTO**  
6.5 m<sup>2</sup>  
por lata

- Este adhesivo es expulsado por un gas a baja presión. El adhesivo debe salir en forma de un patrón amplio y caer de manera similar a la nieve hacia la superficie deseada. Refiérase al patrón de rociado de la foto del reverso.
- Sostenga la lata verticalmente, aproximadamente 18-24 pulgadas (46 a 61 cm), apunte y oprima el gatillo.
- Mueva la lata de izquierda a derecha, suave y uniformemente para lograr los resultados que se muestran en la foto al reverso.

**NOTA:** *Lo único que necesita adhesivo es la superficial donde las hojas serán instaladas. No es necesario rociar con adhesivo la parte posterior de la hoja.*

8

**Use Step 8 ONLY for interlocking panels or skip to Step 9. SOLO puede usar el Paso 8 en Paneles Entrelazado, de lo contrario vaya al Paso 9.**

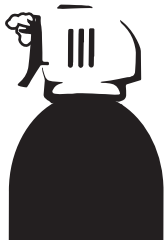


SPRAY JOINTS &  
WHERE SEAMS  
MEET ON WALL

USE EL SPRAY EN LAS  
UNIONES Y EN LOS  
LUGARES DONDE LAS  
JUNTURAS SE  
CONECTAN A LA PARED.

- If wall is not flat, the use of a contact adhesive *is required* on the back of all joints for each interlocking panel and on the wall where panel seams meet up.
- Follow contact adhesive's directions.

- Si la pared no es plana, *se requiere* el uso de un pegamento de contacto en la parte trasera de todas las uniones de cada panel entrelazado, así como en la pared donde se conectan las juntas.
- Siga las instrucciones del pegamento de contacto.

**9**

- To ensure optimal spray pattern, remove any adhesive build up that may occur during the application process.
- Para asegurar un patrón de rociado óptimo, quite cualquier exceso de adhesivo a la salida de la boquilla que pueda acumularse durante el proceso de aplicación.

**10**

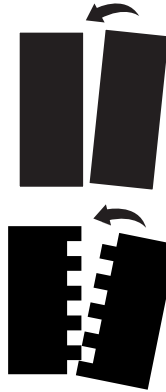
- If overspray occurs, it may be removed with a damp cloth while the adhesive is still wet.
- Use mineral spirits for dry overspray.
- Si ocurre salpicaduras, éstas se pueden limpiar fácilmente con un trapo húmedo mientras el adhesivo este todavía húmedo.
- Utilice tiner para limpiar o remover adhesivo seco.

**11**

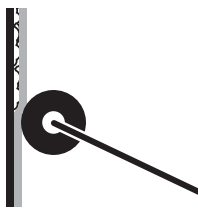
- Allow adhesive to dry until there is no adhesive transfer when lightly touched (10-20 min).
- High humidity and/or low temperature increases tack time.
- Deje que el adhesivo seque hasta que no haya transferencia del adhesivo al dedo cuando lo toca suavemente (10-20 minutos).
- Una humedad ambiental alta o una temperatura baja pueden aumentar el tiempo que se necesita para que el adhesivo se sienta pegajoso.

**12**

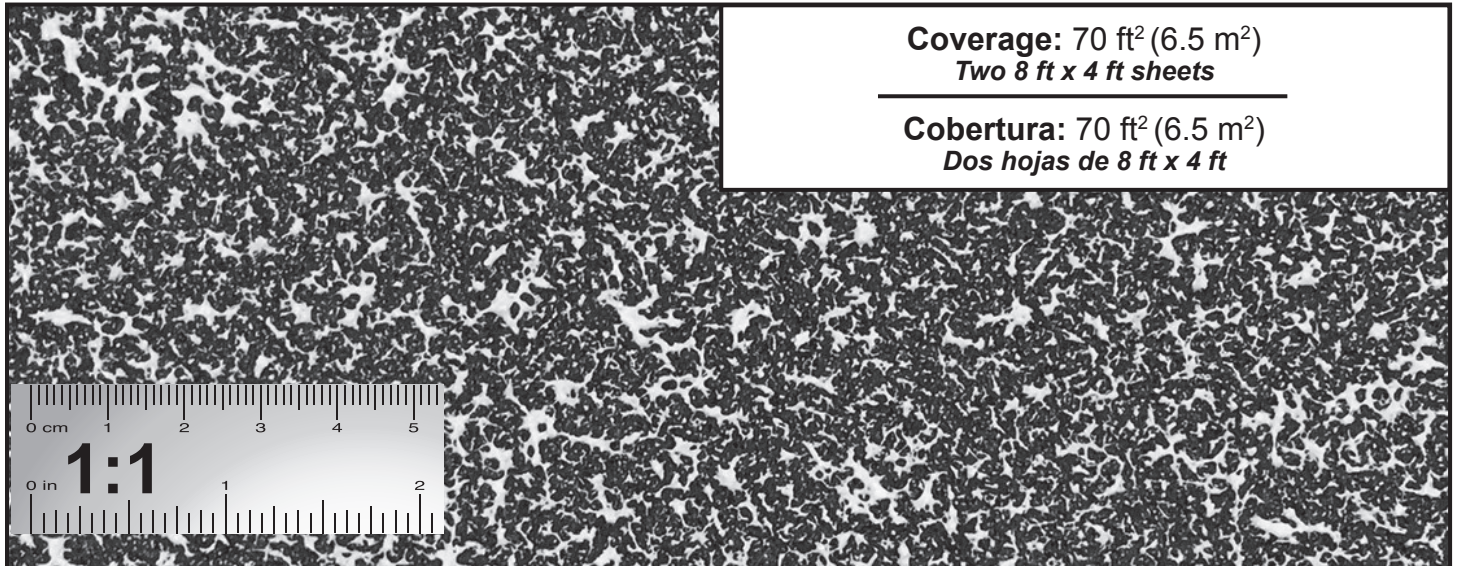
- Open time after application is 8 hours. While open, ensure that adhesive is not contaminated by dust.
- El tiempo para trabajar con este pegamento es de 8 horas, durante este tiempo asegúrese que el pegamento no haya sido contaminado con el polvo.

**13**

- Follow manufacturer's recommendations for installation.
- Position material, ensure proper alignment before application of pressure. Reposition as necessary.
- Siga las recomendaciones del fabricante de las hojas para su instalación.
- Posición del material. Asegurar que el material esté alineado/colocado correctamente antes de aplicar presión a la hoja. Reposicione en caso de ser necesario.

**14**

- Use manufacturer's recommendations for sealing seams and corners.
- Roll material with laminate roller to complete the bonding process.
- Utilice las recomendaciones del fabricante para sellar juntas y esquinas.
- Para completar el proceso de adhesión, use un rodillo y aplique presión uniforme por toda la hoja.



**Coverage: 70 ft<sup>2</sup> (6.5 m<sup>2</sup>)**  
*Two 8 ft x 4 ft sheets*

**Cobertura: 70 ft<sup>2</sup> (6.5 m<sup>2</sup>)**  
*Dos hojas de 8 ft x 4 ft*

CAUTION: CONTENTS UNDER PRESSURE. Do not puncture or incinerate container. Do not expose to heat or store at temperatures above 120°F (48°C). Avoid contact with eyes and prolonged contact with skin. Use with adequate ventilation. Do not take internally. FIRST AID: In case of contact with eyes, flush thoroughly with water. If irritation persists, get medical attention. For skin contact, wash with soap and water. If ingested, do not induce vomiting; seek medical attention immediately. KEEP OUT OF REACH OF CHILDREN.

ADVERTENCIA: EL CONTENIDO BAJO PRESIÓN. No perforar ni incinerar el recipiente. No exponga al calor ni almacene a temperatura por encima de 120°F (48°C). Evite el contacto con los ojos y el contacto prolongado con la piel. Usar con ventilación adecuada. No ingerir. PRIMEROS AUXILIOS: En caso de contacto con los ojos, lave con abundante agua. Si la irritación persiste, busque atención médica. En caso de contacto con la piel, lavar con agua y jabón. Si se ingiere, no induzca el vómito; busque atención médica de inmediato. MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.



**+ 32°F (+0°C)**

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name : FRP Adhesive

Product code : Not available

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Adhesive

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

Spray-Lock, Inc.  
5959 Shallowford Road Suite 405  
Chattanooga, TN 37421 - USA  
T 423-305-6151

#### 1.4. Emergency telephone number

Emergency number : CHEMTREC: 1 (800) 424-9300

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### GHS-US classification

Gases under pressure - Dissolved gas

#### 2.2. Label elements

##### GHS-US labelling

Hazard pictograms (GHS-US) :



GHS04

Signal word (GHS-US) : Warning

Hazard statements (GHS-US) : Contains gas under pressure; may explode if heated.

Precautionary statements (GHS-US) : Protect from sunlight. Store in a well-ventilated place.

#### 2.3. Other hazards

No additional information available.

#### 2.4. Unknown acute toxicity (GHS-US)

None.

### SECTION 3: Composition/information on ingredients

#### 3.1. Substance

Not applicable.

#### 3.2. Mixture

Name	Product identifier	%	GHS-US classification
1,1-Difluoroethane	(CAS No) 75-37-6	10 - 30	Flam. Gas 1 Liquefied gas

\* The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

# FRP Adhesive

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures after inhalation : If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : In case of contact, immediately flush skin with plenty of water. Call a physician if irritation develops and persists.
- First-aid measures after eye contact : In case of contact, immediately flush eyes with plenty of water. Remove contact lenses, if worn. If irritation persists, get medical attention.
- First-aid measures after ingestion : If swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

- Symptoms/injuries after inhalation : May cause respiratory tract irritation.
- Symptoms/injuries after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/injuries after eye contact : May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
- Symptoms/injuries after ingestion : Not a normal route of exposure. May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

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

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

- Suitable extinguishing media : Powder, water spray, foam, carbon dioxide.
- Unsuitable extinguishing media : None known.

#### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon.

#### 5.3. Advice for firefighters

- Protection during firefighting : Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). Use water spray to keep fire-exposed containers cool.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.

#### 6.2. Methods and material for containment and cleaning up

- For containment : Contain and/or absorb spill with inert material (e.g. sand, vermiculite), then place in a suitable container. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE).
- Methods for cleaning up : Scoop up material and place in a disposal container. Provide ventilation.

#### 6.3. Reference to other sections

See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

- Precautions for safe handling : Keep away from sources of ignition. - No smoking. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not swallow. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 120°F. Do not pierce or burn, even after use. When using do not eat, drink or smoke.
- Hygiene measures : Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.

#### 7.2. Conditions for safe storage, including any incompatibilities

- Storage conditions : Keep locked up and out of reach of children. Keep from freezing. Store away from direct sunlight or other heat sources. Store in dry, cool, well-ventilated area.

#### 7.3. Specific end use(s)

Not available.

# FRP Adhesive

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

1,1-Difluoroethane (75-37-6)	
ACGIH	Not applicable
OSHA	Not applicable

#### 8.2. Exposure controls

Appropriate engineering controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Hand protection	: Wear suitable gloves.
Eye protection	: Safety glasses or goggles are recommended when using product.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
Environmental exposure controls	: Maintain levels below community environmental protection thresholds.
Other information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

### SECTION 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

Physical state	: Gas/Pressurized Liquid
Appearance	: Clear
Color	: White
Odor	: Sweet
Odor threshold	: No data available
pH	: 5.5 - 7.5
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: 32°F (0°C)
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not flammable
Vapor pressure	: No data available
Relative vapor density at 68°F	: > 1 (Air = 1)
Relative density	: 1.03
Solubility	: Miscible
Partition coefficient: n-octanol/water	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
VOC Content	: <0.001 g/mL (EPA Method 24)

#### 9.2. Other information

No additional information available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No dangerous reaction known under conditions of normal use.

# FRP Adhesive

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

### 10.2. Chemical stability

Stable under normal storage conditions. Contents under pressure. Container may explode if heated. Do not puncture. Do not burn. Keep in a cool place.

### 10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### 10.4. Conditions to avoid

Heat. Incompatible materials. Sources of ignition.

### 10.5. Incompatible materials

Oxidizers. Nitrates. Chlorine bleach.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

Acute toxicity : Not classified.

FRP Adhesive	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rat	No data available
LC50 inhalation rat	No data available

1,1-Difluoroethane (75-37-6)	
LC50 inhalation mouse	977 g/m <sup>3</sup> /2h

Skin corrosion/irritation	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met.
Respiratory or skin sensitisation	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
Carcinogenicity	: Based on available data, the classification criteria are not met.
Reproductive toxicity	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met.
Aspiration hazard	: Based on available data, the classification criteria are not met.
Symptoms/injuries after inhalation	: May cause respiratory tract irritation.
Symptoms/injuries after skin contact	: May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
Symptoms/injuries after eye contact	: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/injuries after ingestion	: Not a normal route of exposure.

## SECTION 12: Ecological information

### 12.1. Toxicity

Ecology - general : May cause long-term adverse effects in the aquatic environment.

### 12.2. Persistence and degradability

FRP Adhesive	
Persistence and degradability	Not established.

### 12.3. Bioaccumulative potential

FRP Adhesive	
Bioaccumulative potential	Not established.

### 12.4. Mobility in soil

No additional information available.

### 12.5. Other adverse effects

Effect on the global warming : No known ecological damage caused by this product.



# FRP Adhesive

## Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Waste disposal recommendations : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. Pressurized container: Do not pierce or burn, even after use.

### SECTION 14: Transport information

In accordance with DOT

UN-No.(DOT) : UN1950  
Proper Shipping Name (DOT) : Aerosols, non-flammable  
Department of Transportation (DOT) Hazard Classes : 2.2  
Hazard labels (DOT) :



#### Additional information

Other information : No supplementary information available.  
Special transport precautions : Do not handle until all safety precautions have been read and understood.

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:

#### 15.2. US State regulations

#### FRP Adhesive

State or local regulations	None
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### SECTION 16: Other information

Date of issue : 06/10/22  
Other information : None.

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