

# AF607FR1

COMMERCIAL GRADE DUCT SEALANT W/ FIBER REINFORCEMENT

CERTIFICATION

MATERIAL SAFETY DATA



## FOR INSTALL SUPPORT

[sales@allfasteners.com](mailto:sales@allfasteners.com)



## FOR SPECIFICATION SUPPORT

[certs@allfasteners.com](mailto:certs@allfasteners.com)



## FOR CUSTOMER SUPPORT

888.859.6060

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**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY****1.1 PRODUCT IDENTIFIER**

Product form: Mixture

Trade name: AF607FR1 Fiber Reinforced Duct Sealant

Product code: AF607FR1

Type of product: Adhesives, Sealants

Product group: Trade product

**1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST**

1.2.1.  
Relevant identified uses: Intended for general public.

1.2.2.  
Uses advised against: No additional information available

**1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**

Company Name: Allfasteners USA LLC, 480 Meadow Lane Carlstadt, NJ 07072, United States

Telephone: 201.783.8836

Fax: 201.783.8840

Email: sales@allfasteners.com

**1.4 EMERGENCY PHONE NUMBER**

Emergency Telephone: 888.859.6060

**SECTION 2: HAZARDOUS IDENTIFICATION****2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE**

The product is not classified as hazardous according to the Globally Harmonized System (GHS).

**2.2 LABEL ELEMENTS**

## Label Elements

Hazard pictograms (CLP): Not regulated.

Signal word (CLP): Not regulated.

Hazard statements (CLP): Not regulated.

Precautionary statements (CLP): Not regulated.

GHS Label Elements: Not regulated.

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.1 SUBSTANCE**

Chemical characterization: Mixtures

**3.2 MIXTURE**

| NAME             | PRODUCT IDENTIFIER | %      |
|------------------|--------------------|--------|
| Limestone        | 1317-65-3          | 10-40% |
| Talc             | 14807-96-6         | 10-40% |
| Propylene glycol | 57-55-6            | <5%    |

Additional information: For the wording of the listed Hazard Statements, refer to section 16.

**SECTION 4: FIRST AID MEASURES****4.1 DESCRIPTION OF FIRST AID MEASURES**

**General:** IF exposed or concerned: Get medical advice/attention.

**Inhalation:** Respiration of particulates is unlikely during normal usage.  
Supply fresh air and to be sure to call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.

**Skin contact:** Immediately wash with water and soap and rinse thoroughly.  
If skin irritation or rash occurs: Get medical advice/attention.

**Eye contact:** Remove contact lenses if worn.  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Ingestion:** Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; immediately call for medical help.

**4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED**

**Symptoms/injuries after skin contact:** Nausea in case of ingestion.  
May cause gastro-intestinal irritation if ingested.

**4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

Treat symptomatically.

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**SECTION 5: FIREFIGHTING MEASURES****5.1 EXTINGUISHING MEDIA**

**Suitable extinguishing media:** The product is not flammable.  
Use fire fighting measures that suit the environment.

**5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**

**Hazardous decomposition products in case of fire:** Formation of toxic gases is possible during heating or in case of fire.

**5.3 ADVICE FOR FIRE-FIGHTERS**

**Protection during firefighting:** Wear self-contained respiratory protective device.  
Wear fully protective suit.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

Ensure adequate ventilation.  
Use personal protective equipment as required.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Avoid release to the environment.

**6.3 METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP**

Towel or mop up material and collect in a suitable container.  
For larger spills, add sawdust, chalk or other inert binding material, then sweep up and discard.

**6.4 REFERENCE TO OTHER SECTIONS**

See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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**SECTION 7: HANDLING AND STORAGE****7.1 PRECAUTIONS FOR SAFE HANDLING**

**Precautions for safe handling:** Use only in well ventilated areas.  
Avoid contact with the eyes and skin.

**Hygiene measures:** Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**6.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

**Requirements to be met by storerooms and receptacles:** Store in cool, dry conditions in well sealed receptacles

**Information about storage in one common storage facility:** Store away from oxidizing agents.  
Store away from foodstuffs

**7.3 SPECIFIC END USE(S)**

No additional information available.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1 CONTROL PARAMETERS**

Components with limit values that require monitoring at the workplace:

|                                 |               |                                                                                               |
|---------------------------------|---------------|-----------------------------------------------------------------------------------------------|
| <b>1317-65-3 Limestone</b>      | PEL (USA)     | Long-term value: 15* 5** mg/m <sup>3</sup> *total dust **respirable fraction                  |
|                                 | REL (USA)     | Long-term value: 10* 5** mg/m <sup>3</sup> *total dust **respirable fraction                  |
|                                 | TLV (USA)     | TLV withdrawn                                                                                 |
| <b>14807-96-6 Talc</b>          | PEL (USA)     | Long-term value: 20 mppcf ppm (containing <1% Quartz)                                         |
|                                 | REL (USA)     | Long-term value: 2* mg/m <sup>3</sup> *respirable dust; and <1% Quartz                        |
|                                 | TLV (USA)     | Long-term value: 2* mg/m <sup>3</sup> *as respirable fraction; E                              |
|                                 | EL (Canada)   | Long-term value: 2 *0.1 f/cc mg/m <sup>3</sup> resp. *if contains asbestos : ACGIH A1, IARC 1 |
|                                 | EV (Canada)   | Long-term value: 2* mg/m <sup>3</sup> , 2 f/cc ppm *respirable                                |
|                                 | LMPE (Mexico) | Long-term value: 2* mg/m <sup>3</sup> A4, *fracción respirable                                |
| <b>57-55-6 Propylene glycol</b> | WEEL (USA)    | Long-term value: 10 mg/m <sup>3</sup>                                                         |
|                                 | EV (Canada)   | Long-term value: 155* 10** mg/m <sup>3</sup> , 50* ppm *vapor and aerosol;**aerosol only      |

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**8.2 EXPOSURE CONTROLS****General protective and hygienic measures:**

Avoid contact with the eyes and skin.  
Keep away from foodstuffs, beverages and feed.  
Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash hands before breaks and at the end of work.

**Engineering controls:**

No relevant information available.

**Breathing equipment:**

Not required under normal conditions of use.  
A NIOSH approved dust respirator should be used for operations generating dust.

**Protection of hands:**

Gloves are advised for repeated or prolonged contact.  
Wear protective gloves to handle contents of damaged or leaking units.  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

**Eye protection:**

Follow relevant national guidelines concerning the use of protective eyewear.

**Limitation and supervision of exposure into the environment**

Avoid release to the environment.

**Risk management measures:**

No relevant information available.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

|                                                     |                               |                                         |                     |
|-----------------------------------------------------|-------------------------------|-----------------------------------------|---------------------|
| <b>Appearance:</b>                                  | Liquid.                       | <b>Decomposition temperature:</b>       | Not determined.     |
| <b>Color:</b>                                       | Gray.                         | <b>Flammability (solid, gas):</b>       | Not determined.     |
| <b>Odor:</b>                                        | Mild                          | <b>Vapor pressure:</b>                  | Not determined.     |
| <b>Odor threshold:</b>                              | No determined.                | <b>Relative vapor density at 20 °C:</b> | No data available.  |
| <b>pH:</b>                                          | Not determined.               | <b>Relative density:</b>                | 1.35 ± 0.04         |
| <b>Relative evaporation rate (butyl acetate=1):</b> | No data available.            | <b>Danger of explosion:</b>             | No explosion hazard |
|                                                     | Not applicable.               | <b>Solubility:</b>                      | Soluble in water.   |
| <b>Melting point:</b>                               | Not determined.               | <b>Log Pow:</b>                         | No data available.  |
| <b>Freezing point:</b>                              | Not applicable.               | <b>Viscosity, kinematic:</b>            | Not applicable.     |
| <b>Boiling point:</b>                               | Not determined.               | <b>Viscosity, dynamic:</b>              | No data available.  |
| <b>Flash point:</b>                                 | Not applicable. Not flammable | <b>Explosive properties:</b>            | No data available.  |
|                                                     |                               | <b>Oxidizing properties:</b>            | Not oxidizing.      |
| <b>Auto-ignition temperature:</b>                   | Not determined.               | <b>Explosive limits:</b>                | Not applicable.     |

**9.2 OTHER INFORMATION**

VOC content: < 1 g/l

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**SECTION 10: STABILITY AND REACTIVITY****10.1 REACTIVITY**

No relevant information available.

**10.2 CHEMICAL STABILITY**

Stable under normal conditions.

**10.3 POSSIBILITY OF HAZARDOUS REACTIONS**

Reacts with strong oxidizing agents.

**10.4 CONDITIONS TO AVOID**

Excessive heat.

**10.5 INCOMPATIBLE MATERIALS**

Oxidizers

**10.6 HAZARDOUS DECOMPOSITION PRODUCTS**

Under fire conditions only: Carbon monoxide and carbon dioxide Nitrogen oxides (NOx)

**10.7 THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED**

No decomposition if used and stored according to specifications.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1 INFORMATION ON TOXICOLOGICAL EFFECTS**

|                                                             |                                                                   |
|-------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Acute toxicity:</b>                                      | Based on available data, the classification criteria are not met. |
| <b>LD/LC50 values that are relevant for classification:</b> | None                                                              |
| <b>Irritant effect - on skin:</b>                           | Based on available data, the classification criteria are not met  |
| <b>Irritant effect - on eye:</b>                            | Based on available data, the classification criteria are not met  |
| <b>Sensitization:</b>                                       | Based on available data, the classification criteria are not met  |
| <b>Germ Cell Mutagenicity:</b>                              | Based on available data, the classification criteria are not met  |
| <b>Carcinogenicity:</b>                                     | Based on available data, the classification criteria are not met  |
| <b>Reproductive toxicity:</b>                               | Based on available data, the classification criteria are not met  |
| <b>STOT-single exposure:</b>                                | Based on available data, the classification criteria are not met  |
| <b>STOT-repeated exposure:</b>                              | Based on available data, the classification criteria are not met  |
| <b>Aspiration hazard:</b>                                   | Based on available data, the classification criteria are not met  |

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**11.2 IARC (INTERNATIONAL AGENCY OF RESEARCH ON CANCER)**

None of the ingredients are listed.

**11.3 NTP (NATIONAL TOXICOLOGY PROGRAM)**

None of the ingredients are listed.

**11.4 OSHA-CA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION)**

None of the ingredients are listed.

**SECTION 12: ECOLOGICAL INFORMATION****12.1 TOXICITY**

**Aquatic toxicity:** No relevant information available.

**12.2 PERSISTENCE AND DEGRADABILITY**

No relevant information available.

**12.3 BIOACCUMULATIVE POTENTIAL**

No relevant information available.

**12.4 MOBILITY IN SOIL**

No relevant information available.

**12.5 OTHER ADVERSE EFFECTS**

No relevant information available.

**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 WASTE TREATMENT METHODS**

**Waste treatment methods:** Can be disposed of with household garbage after solidification following consultation with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

**Uncleaned packagings:** Disposal must be made according to official regulations.



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**SECTION 14: TRANSPORT INFORMATION**

In accordance with ADR / RID / IMDG / IATA / ADN

**14.1 UN NUMBER**

DOT, ADR/RID/ADN, IMDG, IATA: Not regulated.

**14.2 UN PROPER SHIPPING NAME**

DOT, ADR/RID/ADN, IMDG, IATA: Not regulated.

**14.3 TRANSPORT HAZARD CLASS(ES)**

DOT, ADR/RID/ADN, IMDG, IATA Class: Not regulated.

**14.4 PACKING GROUP**

DOT, ADR/RID/ADN, IMDG, IATA: Not regulated.

**14.5 ENVIRONMENTAL HAZARDS**

Marine pollutant: No

**14.6 SPECIAL PRECAUTIONS FOR USER**

Not applicable.

**14.7 TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE**

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCE OR MIXTURE**

Section 302 (Extremely hazardous substances):

None of the ingredients are listed.

Section 313 (Specific toxic chemical listings):

None of the ingredients are listed.

TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt.

Proposition 65 (California)

Chemicals known to cause cancer:

Reference to talc not applicable to product,  
as product contains no asbestiform fibers.  
14807-96-6 TalcChemicals known to cause developmental  
toxicity for females:

None of the ingredients are listed.

Chemicals known to cause developmental  
toxicity for males:

None of the ingredients are listed.

Chemicals known to cause developmental  
toxicity:

None of the ingredients are listed.

EPA (Environmental Protection Agency):

None of the ingredients are listed.

IARC (International Agency for Research on Cancer):

None of the ingredients are listed.

Canadian Domestic Substances List (DSL):

All ingredients are listed or exempt.

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**SECTION 16: OTHER INFORMATION****16.1 ABBREVIATIONS AND ACRONYMS**

|       |                                                                                     |
|-------|-------------------------------------------------------------------------------------|
| ADR:  | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| IMDG: | International Maritime Code for Dangerous Goods                                     |
| DOT:  | US Department of Transportation                                                     |
| IATA: | International Air Transport Association                                             |
| CAS:  | Chemical Abstracts Service (division of the American Chemical Society)              |
| LC50: | Lethal concentration, 50 percent                                                    |
| LD50: | Lethal dose, 50 percent                                                             |
| OSHA: | Occupational Safety & Health Administration                                         |

**16.2 SOURCES**

Website, European Chemicals Agency ([echa.europa.eu](http://echa.europa.eu))

Website, US EPA Substance Registry Services ([ofmpub.epa.gov/sor-internet/registry/substreg/home/overview/home.do](http://ofmpub.epa.gov/sor-internet/registry/substreg/home/overview/home.do))

Website, Chemical Abstracts Registry, American Chemical Society ([www.cas.org](http://www.cas.org))

Patty's Industrial Hygiene, 6th ed., Rose, Vernon, ed. ISBN: 978-0-470-07488-6

Casarett and Doull's Toxicology: The Basic Science of Poisons, 8th Ed., Klaasen, Curtis D., ed., ISBN: 978-0-07-176923-5.

Safety Data Sheets, Individual Manufacturers

**16.3 DISCLAIMER**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product