



AltroFix adhesive
WFR47
Altro USA
Date of issue: January 25th, 2022

SAFETY DATA SHEET

Section 1: Identification

Product identifier used on the label:

Product name: AltroFix WFR47 adhesive
Product code: WFR47

Other means of identification:

No information

Recommended use of the chemical and restrictions on use:

Recommended use: Adhesive for installation of Altro wall materials
Restrictions on use: No information

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party:

Name: Altro USA
Department in Charge: Technical Services
Address: 80 Industrial Way, Wilmington, MA
Telephone number: 800.377.5597
Fax number: 978-694-0433
e-mail address: support@altro.com

Emergency phone number: 800.424.9300 CHEMTREC

Section 2: Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200; Physical Hazards

Classification not possible

Health Hazards

Classification not possible

Environmental Hazards

Classification not possible

Other Hazards

No information



AltroFix adhesive
WFR47
Altro USA

Date of issue: January 25th, 2022

Signal word, hazard statement(s), symbol(s) and precautionary statement(s) in accordance with paragraph (f) of §1910.1200.

Symbol(s) None
Signal word None
Hazard Statement(s) Not applicable
Precautionary Statement(s) Not applicable
Description of any hazards not otherwise classified.

No information

Ingredient with unknown acute toxicity in the mixture

Not applicable

Section 3: Composition / information on ingredients compositions (contents of the product)

Chemical name	CAS No.	Concentration/concentration ranges (wt %)
Modified silicone resin	69980-76-3	86.5 - 91.5
Calcium carbonate	471-34-1	
Polyether	Registered	9.0 - 13.0
Dibutyltin compound	22673-19-4	0.1 - 1.0

Section 4: First-aid measures

Necessary first-aid measures by relevant routes of exposure:

IF INHALED Take the affected person to a clean-air space and give him rest in a easy-breathing pose.

IF ON SKIN Seek physician's counsel as may be needed.
Wash the skin immediately with a lot of water and soap.
Take off the contaminated clothing's for cleaning.

IF IN EYES Seek physicians counsel if he suffers from irritation or drowsiness.
Thoroughly wash the eye with clean water for a several minutes. Remove contact lens if easily removable.

IF SWALLOWED Continue washing after removal. Seek physician's counsel.
Immediately wash the mouth with water.
Immediately seek physician's counsel.
Rinse the mouth well and drink a lot of water to vomit.

Most important symptoms/effects, acute and delayed:

No information

Indication of immediate medical attention and special treatment needed, if necessary:

No information



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WFR47
Altro USA
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Section 5: Fire-fighting measures

Suitable (and unsuitable) extinguishing media:

Suitable extinguishing media:

Use carbon dioxide, powder agent, foam agent.

Unsuitable extinguishing media

Applying direct water may be dangerous because fire may expand to surroundings.

Specific hazards arising from the chemical:

Fire may cause to generate irritant, toxic or erosive gas.

Easily flammable. It will readily be ignited by heat, spark, or flame.

Heating of container may cause explosion.

Special protective equipment and precautions for fire-fighters:

Remove surrounding combustibles and use extinguishing agents.

Use foam agent to choke a large-scale fire.

Fight against fire standing to its windward as much as possible and wear respirator if necessary.

Section 6: Accidental release measures

Personal precautions, protective equipment, and emergency procedures:

Keep out except responsible personnel (e.g., stretch a rope) from the spilled area.

Take action from windward. Evacuate people downwind from the leakage.

Wear suitable protective equipment described in "Section 8: Exposure controls/personal protection".

Quickly remove ignition sources from the surrounding. Prepare the appropriate fire extinguisher.

Prevent leakage of adhesive by embankment with e.g., sand, soil, and sandbag.

Avoid release into the environment because product may cause local effects.

Methods and materials for containment and cleaning up:

In case of small amounts, remove spilled material by absorbing with absorbents (e.g. sawdust, clod, sand, or waste), then wipe off the remaining material with waste or wiping cloth.

In case of large amounts, collect spilled product with shovel which does not generate a spark, then collect into a closed container.

Consult to a certificated waste trader or local offices if they deal with the waste.

Quickly remove ignition sources from the surrounding. Prepare the appropriate fire extinguisher.



AltroFix adhesive
WFR47

Altro USA

Date of issue: January 25th, 2022

Section 7: Handling and storage

Precautions for safe handling

Protective measures:

Install appropriate equipment and wear suitable protective apparatus described in "Section 8: Exposure controls/personal protection".

Install local ventilation/general ventilation described in Section 8: Exposure controls/personal protection.

Handle this product at the place operating local ventilation/general ventilation. Provide adequate ventilation in workplace. Wear suitable protective equipment's (See Section 8) to prevent contact with human.

Take precautionary measures against static discharge. This product is hardenable in contact with moisture or humidity in the air. After opening the container, use up all immediately. Avoid contact with alkalis, outside air, low temperature, or high temperature.

Advice on general occupational hygiene:

Wash hands and face thoroughly and gargle the throat after handling.

Take off contaminated clothing and wash it before reuse.

Conditions for safe storage, including any incompatibilities:

Technical measures:

Install appropriate equipment and wear suitable protective apparatus described in "Section 8: Exposure controls/personal protection".

Incompatible materials:

Reaction with alkaline substances generates heat.

Conditions for safe storage:

Do not store in a place below 5°C or above 40°C.

Keep away contact with outside air or high temperature.

Avoid sunlight and humidity. Store in an indoor and cool place.

Store locked up.

Packing material:

Use a sealed container without damage or leakage.



AltroFix adhesive
WFR47

Altro USA

Date of issue: January 25th, 2022

Section 8: Exposure controls/personal protection

Occupational Exposure Limits;

OSHA PEL	Not applicable
ACGIH TLV-TWA (2021)	Not applicable
ACGIH TLV-STEL (2021)	Not applicable

Appropriate engineering controls:

Local ventilation of closed work room or total proper ventilation to prevent vapor inhalation.

Individual protection measures, such as personal protective equipment:

Respiratory protection	Use aspirator with appropriate filter.
Hand protection	Wear impermeable gloves.
Eye protection	Wear solvent-resistant goggles.
Skin and body protection	Wear long-sleeve fatigue uniform.

Section 9: Physical and chemical properties

Appearance (physical state, color, etc.)	White paste
Odor	Almost odorless
Odor threshold	No information
pH	Unmeasurable
Melting point/freezing point	No information
Initial boiling point and boiling range	No information
Flash point	100°C or more
Evaporation rate	No information
Flammability (solid, gas)	No information
Upper/lower flammability or explosive limits	No information
Vapor pressure	No information
Vapor density	Heavier than air.
Relative density	Relative density: 1.59 (23°C)
Solubility (ies)	Insoluble in water.
Partition coefficient: <i>n</i> -octanol/water	No information
Auto-ignition temperature	No information
Decomposition temperature	No information
Viscosity	ca. 400,000 mPa·s



AltroFix adhesive
WFR47
Altro USA
Date of issue: January 25th, 2022

Other information

Non-volatile component: More than 95%

Section 10: Stability and reactivity

Reactivity

Stable under normal handling condition.

Chemical stability

Stable under normal handling condition.

Possibility of hazardous reactions

No hazardous reaction expected under normal handling.

Conditions to avoid

Avoid contact with alkalis, outside air, low temperature, or high temperature.

Incompatible materials

Reaction with alkaline substances generates heat.

Hazardous decomposition products

Fire may cause to generate irritant, toxic or erosive gas.

Section 11: Toxicological information

Symptoms related to the physical, chemical, and toxicological characteristics:

Information on product: No information

Information on ingredients: No information

Delayed and immediate effects and chronic effects from short- and long-term exposure:

No information

Numerical measures of toxicity (such as acute toxicity estimates):

Not applicable

Whether the chemical is listed in the NTP Report on Carcinogens or has been found to be a potential carcinogen in the IARC Monographs, or by OSHA:

IARC: Not listed as Group 1, Group 2A or Group 2B

NTP Report: Not listed

OSHA: Not listed



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Altro USA
Date of issue: January 25th, 2022

Section 12: Toxicological information

Ecotoxicity:

Information on product: No information

Information on ingredients: No information

Persistence and degradability:

Information on product: No information

Information on ingredients: No information

Bio-accumulative potential:

Information on product: No information

Information on ingredients: No information

Mobility in soil:

Information on product: No information

Information on ingredients: No information

Other adverse effects:

No information

Section 13: Disposal considerations

Waste treatment methods

In the disposal of residual and other wastes, observe the relevant laws /regulations and local government rules.

Users of the product should contract with the local government or licensed 'Industrial Waste Processors' for disposal of waste.

It is important to let the contractor know well of fire and health hazards of the product, prior to disposal.

Dispose the containers properly in accordance with relevant regulations and local government rules.

Completely empty containers prior to disposal.



AltroFix adhesive
WFR47
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Section 14: Transport information

UN number	Not applicable
UN proper shipping name	Not applicable
Transport hazard class(es)	Not applicable
Packing group	Not applicable
Environmental hazards	Not applicable
Transport in bulk according to Annex II of MARPOL 73/78 and IBC code	Not applicable

Special precautions for user

When transporting, confirm no damage to containers. Load to prevent fall or falling down containers and take preventive measures of collapse.

Transport the container without friction or Intense rolling.

If disaster occurs during transportation, take emergency measure and inform relevant organizations.

Do not transport with food and feedstuff.

Section 15: Regulatory information

OSHA:	Not Hazardous chemical
TSCA inventory:	The ingredients (Modified silicone resin, Calcium carbonate, Dibutyltin compound) in this product are listed on the TSCA Inventory.
TSCA SNUR:	Not listed Section
SARA Title III:	302 (Extremely Hazardous Substances): Not listed Section 304 (Hazardous Substances): Not listed Section 313 (TRI Chemicals): Not listed

CERCLA Reportable Quantity

Clean air act: This product does not contain any substances regulated as hazardous air pollutants under section 112 of the clean air act.

Clean water act: This product does not contain any substances regulated as pollutants pursuant to the clean water act



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Section 16: Other information, including date of preparation or last revision

Update history:

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References:

Information of Altro USA

ACGIH, American Conference of Governmental Industrial Hygienists (2021) TLVs and BEIs.

[Disclaimer]

This SDS has been prepared based on the best available information however, it may not be sufficient in some cases. It is user's responsibility to modify or update any contents in this SDS regarding information on hazardous properties and/or instruction for safe handling of the product when they become available. Precautionary measures in this SDS are only applicable for normal handling conditions and it is necessary to take appropriate additional measures to ensure safe handling which depend on your specific use conditions or situations.