



# Safety Data Sheet

Complies with OSHA CFR 1910.1200

## DAMTITE® ACRYLIC BONDING ADDITIVE and 3X Concentrate DAMTITE® ACRYLIC BONDING PRIMER/ADHESIVE

Version: 2.0 English/US

Compilation Date: 2020 JUNE 28

### SECTION 1: IDENTIFICATION

#### 1.1 Product identifier used on the labels:

##### DAMTITE® ACRYLIC BONDING ADDITIVE

05160-quart; 05370 - 1 gallon; 05500 - 5 gallon; 05550 - 55 gallon

##### DAMTITE® ACRYLIC BONDING ADDITIVE CONCENTRATE

05500CON - 5 Gallon; 05550CON - 50 gallon

##### DAMTITE® ACRYLIC BONDING PRIMER/ADHESIVE

05610 -1 gallon; 05650 - 5 gallon

**1.2 Recommended use of the chemical:** Additive to cementitious or plaster mixes for better adhesion and increased strength for repair/resurface or coating of concrete, masonry, stone, stucco or brick.

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

##### Company:

WALL FIRMA, INC.  
733 E. MAIN STREET  
MONONGAHELA, PA 15063 USA  
Telephone: 724.258.7175  
info@damtitewaterproofing.com

#### 1.4 Emergency telephone number

**Chemtrec (North America):** 1-800-424-9300

Available Mon-Fri 08:00AM-05:00PM ET USA

#### 1.5 Technical Support Telephone:

+1 724-258-7175

### 2.0 HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

#### 2.1 Classification of the substance:

Hazard class	Hazard category	Route of exposure	H-Code
Long-term (chronic) aquatic hazard	Category 3		H412
Skin sensitisation	Category 1		H317

#### 2.2 Label Element:



Pictogram(s):

Signal Word: Warning

H-Code	Hazard Statements
H317	May cause an allergic skin reaction.
H412	Harmful to aquatic life with long lasting effects.

P-Code	Precautionary Statements
P280	Wear protective gloves/protective clothing/eye protection.
P273	Avoid release to the environment.
P302+P352	IF ON SKIN: Wash with plenty of water/soap.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P501	Dispose of contents/container to waste disposal.

Hazard ingredients (labeling):

Chloro-methyl-isothiazolin-one and methyl-isothiazolin-one (3:1 mix)

#### 2.3 Other hazards

No data available



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### 3: COMPOSITION and INFORMATION ON INGREDIENTS

#### 3.1 Substances

not applicable

#### 3.2 Mixtures

##### 3.2.1 Chemical characteristics

Copolymer of: vinyl acetate + ethylene (dispersion in water)

##### 3.2.2 Hazardous ingredients

Type	CAS No.	Substance	Content %
INHA	55965-84-9	Chloro-methyl-isothiazolin-one and methyl-isothiazolin-one (3:1 mix)	<0.01
INHA	13590-97-1	Dodecylguanidine hydrochloride	<0.02

Type: INHA: ingredient, VERU: impurity

This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57) in amounts above  $\geq 0.1\%$ .

### 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures:

Take persons to a safe place. Observe self-protection for first aid. In the event of allergic reactions, particularly those affecting the respiratory system, seek immediate medical advice.

##### After inhalation

Keep the patient calm. If unconscious place in stable sideways position. Protect against loss of body heat. If breathing stops, administer artificial respiration. Seek medical advice and clearly identify substance

##### After contact with the skin

Remove contaminated or soaked clothing. Wash off with plenty of water or water and soap immediately for 10-15 minutes. In serious cases, use emergency shower immediately. Seek medical advice and clearly identify substance.

##### After contact with the eyes

Rinse immediately with plenty of water for 10-15 minutes. Keep eyelids well open to rinse the whole eye surface and eyelids with water. Seek medical advice and clearly identify substance

##### After swallowing

If conscious, give several small portions of water to drink. Do not induce vomiting. Seek medical advice and identify substance.

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

Any relevant information can be found in other parts of this section.

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

Product can lead to sensitisation and can trigger allergies. After inhalation: treat as early as possible using cortisone spray. Further toxicology information in section 11 must be observed.

### 5: FIRE-FIGHTING MEASURES

#### 5.1 Extinguishing media

##### Suitable extinguishing media:

not applicable.

##### Extinguishing media which must not be used for safety reasons:

not applicable.

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

At low oxygen level: acetic acid.

#### 5.3 Advice for firefighters

##### Special protective equipment for fire-fighting:

Use respiratory protection independent of recirculated air.



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### General information:

Product does not burn. Dried up material is combustible.

## 6: ACCIDENTAL RELEASE MEASURES

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

Wear personal protection equipment (see section 8). If material is released indicate risk of slipping.

### 6.2 Environmental precautions

Prevent material from entering sewers or surface waters. Contain any fluid that runs out using suitable material (e.g. earth).

### 6.3 Methods and material for containment and cleaning up

Take up mechanically and dispose of according to local/state/federal regulations. For small amounts: Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers. Clean up with plenty of water. Dispose of cleansing water in accordance with local/state/federal regulations.

### 6.4 Reference to other sections

Relevant information in other sections has to be considered. This applies in particular for information given on personal protective equipment (section 8) and on disposal (section 13).

## 7: HANDLING and STORAGE

### 7.1 Precautions for safe handling

#### General information:

Avoid exposure by technical measures or personal protective equipment.

#### Precautions for safe handling:

Spilled substance increases risk of slipping.

#### Precautions against fire and explosion:

No special precautions against fire and explosion required.

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

#### Conditions for storage rooms and vessels:

Protect against frost.

#### Advice for storage of incompatible materials:

Not applicable.

#### Further information for storage:

Not applicable.

Minimum temperature allowed during storage and transportation: 0 °C

### 7.3 Specific end use(s)

No data available.

## 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

### 8.1 Control parameters

#### Maximum airborne concentrations at the workplace:

Not applicable

### 8.2 Exposure controls

#### 8.2.1 Exposure in the work place limited and controlled General protection and hygiene measures:

Do not eat, drink or smoke when handling. Avoid contact with skin.

#### Personal protection equipment:

##### Respiratory protection

No personal respiratory protective equipment normally required.

##### Eye protection

Protective goggles



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### Hand protection

Protective gloves are required at all times when handling the material, according to recognized standards (EN374).

Recommended glove types: Protective gloves made of nitrile rubber thickness of the material: > 0.3 mm  
Breakthrough time: > 480 min

Recommended glove types: Protective gloves made of butyl rubber thickness of the material: > 0.3 mm  
Breakthrough time: > 480 min

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Note that, due to the numerous external influences (such as temperature), a chemically resistant protective glove in daily use may have a service life that is considerably shorter than the measured break through time.

### Skin protection

Wear suitable protective clothing and gloves.

### 8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

### 8.3 Further information for system design and engineering measures

No special measures required.

## 9: PHYSICAL and CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Property:	Value:	Method:
<b>Appearance</b>		
Physical state .....	liquid	
Color.....	white	
<b>Odor</b>		
Odor .....	weak	
<b>Odor limit</b>		
Odor limit .....	no data available	
<b>pH-Value</b>		
pH-Value .....	4.0 – 5.0	(specific method)
<b>Melting point/freezing point</b>		
Melting point / melting range .....	0 °C at 1013 hPa	(Lit.)
<b>Initial boiling point and boiling range</b>		
Boiling point / boiling range .....	100 °C at 1013 hPa	
<b>Flash point</b>		
Flash point.....	not applicable	
<b>Evaporation rate</b>		
Evaporation rate .....	no data available	
<b>Upper/lower flammability or explosive limits</b>		
Lower explosion limit (LEL) .....	not applicable	
<b>Vapor pressure</b>		
Vapor pressure.....	23 hPa / 20 °C	
<b>Solubility(ies)</b>		
Water solubility/miscibility.....	moderately soluble	
<b>Vapor density</b>		
Relative gas/vapor density .....	no data known.	
<b>Relative Density</b>		
Relative Density .....	1.05 (Water / 4 °C = 1.00)	(specific method)
Density .....	1.05 g/cm <sup>3</sup>	(specific method)
<b>Partition coefficient: n-octanol/water</b>		
Partition coefficient: n-octanol/water.....	no data known.	
<b>Auto-ignition temperature</b>		
Ignition temperature .....	not applicable	
<b>Viscosity</b>		
Viscosity (dynamic) .....	1800 - 2700 mPa.s	(Brookfield)
<b>Molecular mass</b>		
Molecular mass .....	not applicable	



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### 9.2 Other information

No data available.

## 10: STABILITY and REACTIVITY

### 10.1 – 10.3 Reactivity; Chemical stability; Possibility of hazardous reactions

If stored and handled in accordance with standard industrial practices no hazardous reactions are known. Relevant information can possibly be found in other parts of this section.

### 10.4 Conditions to avoid

None known.

### 10.5 Incompatible materials

None known.

### 10.6 Hazardous decomposition products

If stored and handled properly: none known. Acetic acid at increased temperature.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects

#### 11.1.1 Acute toxicity

##### Assessment:

Based on the available data acute toxic effects are not expected after single oral exposure.

##### Product details:

Route of exposure	Result/Effect	Species/Test system	Source
oral	LD50: > 2000 mg/kg	rat	Conclusion by analogy OECD 423

#### 11.1.2 Skin corrosion/irritation

##### Assessment:

Based on the available data a clinically relevant skin irritation hazard is not expected.

##### Product details:

Result/Effect	Species/Test system	Source
not irritating	rabbit	Conclusion by analogy OECD 404

#### 11.1.3 Serious eye damage/eye

##### Assessment:

Based on the available data a clinically relevant eye irritation hazard is not expected.

##### Product details:

Result/Effect	Species/Test system	Source
not irritating	rabbit	Conclusion by analogy OECD 405

#### 11.1.4 Respiratory or skin sensitivity

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.5 Germ cell mutagenicity

##### Assessment:

Based on known data a significant mutagenic potential may be excluded.



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### Product details:

Result/Effect	Species/Test svstem	Source
negative	mutation assay (in vitro) bacterial cells	Conclusion by analogy OECD 471

#### 11.1.6 Carcinogenicity

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.7 Reproductive toxicity

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.8 Specific target organ toxicity (single exposure)

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.9 Specific target organ toxicity (repeated exposure)

##### Assessment:

For this endpoint no toxicological test data is available for the whole product.

#### 11.1.10 Aspiration hazard

##### Assessment:

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

#### 11.1.11 Further toxicological information

Contains < 0.1% of a substance for which studies indicate a low sensitization threshold in humans.

## 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Assessment:

Harmful effects to aquatic organisms cannot be excluded. According to current knowledge adverse effects on water purification plants are not expected.

#### Product details:

Result/Effect	Species/Test system	Source
EC10: > 1000 mg/l	sludge (0,5 std)	Conclusion by analogy

### 12.2 Persistence and degradability

#### Assessment:

Polymer component: Not readily biodegradable. Elimination by adsorption to activated sludge. Separation by flocculation is possible.

### 12.3 Bio-accumulative potential

#### Assessment:

No adverse effects expected.

### 12.4 Mobility in soil

#### Assessment:

No adverse effects expected.

### 12.5 Results of PBT and vPvB assessment

No data available.



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### 12.6 Other adverse effects

None known

### 12.7 Additional information

According to present knowledge no adverse influence to environment expected.

## 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

#### 13.1.1 Material

Recommendation:

Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility. Observe local/state/federal regulations.

#### 13.1.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations.

Recommended cleaning agent: Water

## 14: TRANSPORTATION INFORMATION

### 14.1 – 14.4 UN number; UN proper shipping name; Transport hazard class(es); Packing group

#### Road ADR:

Valuation .....: Not regulated for transport

#### Railway RID:

Valuation .....: Not regulated for transport

#### Transport by sea IMDG-Code:

Valuation .....: Not regulated for transport

#### Air transport ICAO-TI/IATA-DGR:

Valuation .....: Not regulated for transport

### 14.5 Environmental hazards

Hazardous to the environment: no

### 14.6 Special precautions for user

Relevant information in other sections has to be considered.

### 14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Bulk transport in tankers is not intended.

## 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed.

For information on labelling please refer to section 2 of this document.

### 15.2 Details of international registration status

Relevant information about individual substance inventories, where available, is given below.

- Japan ..... : **ENCS** (Handbook of Existing and New Chemical Substances):  
This product is listed in, or complies with, the substance inventory.
- Australia ..... : **AICS** (Australian Inventory of Chemical Substances):  
This product is listed in, or complies with, the substance inventory.
- China..... : **IECSC** (Inventory of Existing Chemical Substances in China):  
This product is listed in, or complies with, the substance inventory.
- Canada ..... : **DSL** (Domestic Substance List):  
This product is listed in, or complies with, the substance inventory.



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- Philippines..... : **PICCS** (Philippine Inventory of Chemicals and Chemical Substances):  
This product is not listed or in compliance with the substance in inventory.
- United States of America (USA)..... : **TSCA** (Toxic Substance Control Act Chemical Substance Inventory):  
All components of this product are listed as active or are in compliance with the substance inventory.
- Taiwan ..... : **TCSI** (Taiwan Chemical Substance Inventory):  
This product is not listed or in compliance with the substance inventory.
- European Economic Area (EEA)..... : **REACH** (Regulation (EC) No 1907/2006):  
General note: the registration obligations for substances imported into the EEA or manufactured within the EEA by the supplier mentioned in section 1 are fulfilled by the said supplier. The registration obligations for substances imported into the EEA by customers or other downstream users must be fulfilled by the latter.
- South Korea (Republic of Korea) ..... : **AREC** (Act on Registration and Evaluation of Chemicals; "K-REACH"):  
General note: in case of registration obligations for substances or polymers imported into Korea or manufactured within Korea these are fulfilled by the supplier mentioned in section 1. The registration obligations for substances or polymers imported into Korea by customers or other downstream users must be fulfilled by the latter.

### 1. Other Information

**Date of previous issue:** May 18, 2015.

**Organization that prepared the SDS:** Wall Firma, Inc.

### Disclaimer

The details contained in this data sheet is based on state of our knowledge at time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The purpose of this information is to draw attention to the health and safety aspects concerning the products supplied by Wall Firma, Inc., and to recommend precautionary measures for the storage and handling of the products. No warranty or guarantee is given in respect of the properties of the products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.

**END OF SAFETY DATA SHEET**