



# SAFETY DATA SHEET

According to 29 CFR 1910.1200 App D

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

Version Number: REV 2.0 EU/English

Compilation Date: 2020 MAY 28

### 1. Identification

**Product identifier used on the labels:**

**DAMTITE Product Name & Stock Number:**

7lb Pail SuperPatch, Off-White or Concrete colors 04071/04072

15lb Pail SuperPatch, Off-White or Concrete colors 04151/04152

70lb Pail SuperPatch, Off-White or Concrete colors 04701/04702

**Recommended use of the chemical and restriction on use\***

Two-component (powder + liquid in container), Portland cement-based, aggregated product for thin repair or resurface of general concrete or masonry construction with waterproofing properties.

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

**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

**Emergency telephone number**

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

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

**Technical Support Telephone:**

+1 724-258-7175

**Other means of identification**

Chemical family:

No data available

**This product has two components included in pail. Part A: powder and Part B: liquid additive, to be mixed together without water.**



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### Part A: Powder component

## 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

### 2.1 Classification of the product

Carcinogenicity:	Category 1A
Skin Corrosion	Category 1B
Skin Sensitization	Category 1B
Specific Target Organ Toxicity: Repeat Exposure	Category 1
Specific Target Organ Toxicity: Single Exposure	Category 3

### 2.2a Signal Word: DANGER!

### 2.2b Hazard Statements

- May cause cancer through chronic inhalation
- Causes severe skin burns and serious eye damage
- May cause an allergic skin reaction
- Causes damage to lungs through prolonged and repeated inhalation
- May cause respiratory irritation

### 2.2c Pictograms/Label elements



### 2.2d Precautionary Statements:

#### Hazard Statement:

- H318 Causes serious eye damage.
- H315 Causes skin irritation.
- H335 May cause respiratory irritation.
- H350 May cause cancer.
- H372 Causes damage to organs (lung) thru prolonged or repeated exposure

#### Precautionary Statements (Prevention):

- P280 Wear protective gloves & clothing & eye/face protection
- P271 Use only outdoors or in a well-ventilated area.
- P260 Do not breathe dust/gas/mist/vapors.
- P202 Do not handle until all safety precautions read and understood.
- P270 Do not eat, drink or smoke when using this product.
- P264 Wash with plenty of water and soap thoroughly after handling.

#### Precautionary Statements (Response):

- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and not difficult to remove. Keep rinsing eye.
- P310 Immediately call a POISON CENTER or doctor/physician.
- P304 + P340 IF INHALED: Remove person to fresh air & keep comfortable
- P303 + P352 IF ON SKIN (or hair): Wash with plenty of soap and water.
- P332 + P313 If skin irritation occurs: Get medical advice/attention.
- P362 + P364 Take off contaminated clothing and wash before reuse.

#### Precautionary Statements (Storage):

- P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.



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Precautionary Statements (Disposal):

P50 Dispose of contents/container to hazardous or special waste collection point.

**2.3a Hazards not otherwise classified:** Not applicable

**2.3b Unknown Acute Toxicity:** None

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### 3. Hazardous Ingredients / Identity Information

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Hazardous Components	CAS No.	% by Weight
Sand, Silica, Quartz	14808-60-7	40-70*
Portland Cement	65997-15-1	10-30*

\*The concentrations ranges are provided due to batch-to-batch variability and proprietary information.

None of the constituents of this material are of unknown toxicity.

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### 4. First-Aid Measures

#### 4.1 Description of first aid measures

##### General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

##### If inhaled:

After inhalation of dust, keep patient calm, remove to fresh air. If difficulties occur: obtain medical attention.

##### If on skin:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

##### If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

##### If swallowed:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control center or doctor.

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

Symptoms: The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11.

Hazards: No applicable information available.

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

##### Note to physician

Treatment: Treat according to symptoms (decontamination, vital functions), no known specific antidote.

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### 5. Fire-Fighting Measures

**5.1 Flammability of product:** Non-flammable and non-combustible

**5.2 Suitable extinguishing media:** foam, water spray, dry powder, carbon dioxide. Treat for surrounding material

**5.3 Special hazards arising from the substance or mixture:** None

**5.3a Products of combustion:** None

**5.3b Explosion hazards in presence of various substances:** Non-explosive in presence of shocks

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### 6. Accidental Release Measures

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

Avoid dust formation. Avoid contact with skin and eyes. Wear personal protective clothing (see Section 8). Handle in accordance with good building materials hygiene and safety practice. Keep unprotected persons away from contact.



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

Do not permit to enter sewer or surface or ground water. Pick up with suitable appliance and dispose of in accordance with all regulations. For larger quantities, pack in tightly closed containers for disposal. For residue: Rinse with plenty of water. Avoid raising dust into air.

## 7. Handling and Storage

### 7.1 Precautions for safe handling:

Cement contained in this product reacts alkaline when in contact with water or humidity. Ensure good ventilation and exhaust system at workplace. DO NOT BREATHE DUST. Prolonged direct contact to the dry product should be avoided. Avoid skin contact or eye contact. Pour downwind and allow as little free fall as possible while emptying bags into equipment. In dusty environments, use OSHA, MSHA or NIOSH-approved respirator and tight-fitting goggles and appropriate PPE (See Section 8). Prevent dust accumulation through good housekeeping. Do not mix with other chemical products, except as recommended by manufacturer.

### 7.2 Storage:

**Requirements to be met by storerooms and receptacles:** No special requirements

**Information about storage in one common storage facility:** Not required

**Further information about storage conditions:** Keep out of the reach of children. Keep container tightly closed in a dry place and prevent exposure to humidity. Do not permit product to have contact with water until time of use.

## 8. Exposure Control Measures / Personal Protection

### 8.1 Components with limit values that require monitoring at the workplace:

<u>Hazardous Component</u>	<u>CAS No.</u>	<u>Information</u>
Silica Sand, crystalline	14808-60-7	OSHA PEL: TWA value 2.4 millions of particles per cubic foot of air. Respirable; The exposure limit is calculated from the equation, $250/(\%SiO_2+5)$ , using a value of 100% SiO <sup>2</sup> . Lower percentages of SiO <sup>2</sup> will yield higher exposure limits. TWA value 0.1 mg/m <sup>3</sup> Respirable ; The exposure limit is calculated from the equation, $10/(\%SiO_2+2)$ , using a value of 100% SiO <sup>2</sup> . Lower percentages of SiO <sup>2</sup> will yield higher exposure limits. TWA value 0.3 mg/m <sup>3</sup> Total dust ; The exposure limit is calculated from the equation, $30/(\%SiO_2+2)$ , using a value of 100% SiO <sup>2</sup> . Lower percentages of SiO <sup>2</sup> will yield higher exposure limits. ACGIH TLV: TWA value 0.025 mg/m <sup>3</sup> Respirable fraction
Cement, Portland	65997-15-1	OSHA PEL: PEL15 mg/m <sup>3</sup> Total dust; PEL 5 mg/m <sup>3</sup> Respirable fraction ACGIH TLV: TWA value 1 mg/m <sup>3</sup> Respirable fraction ;

### 8.2 Exposure controls:

Use adequate ventilation to keep exposures below recommended exposure limits

### 8.3 General protective and hygienic measures:

Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts. In order to prevent contamination while handling, wear full body work clothes and work gloves. Handle in accordance with good building materials hygiene and safety practice. After handling product and at end of work, wash hands and/or face, clean skin, and if needed, apply skin-care agents. Gloves must be inspected regularly and prior to each use, and replaced if necessary (e.g. pinhole leaks). Contaminated equipment or clothing should be cleaned after each use or disposed. Keep away from food and drinks. When using, do not eat, drink or smoke.

### 8.3a Personal protective equipment:

#### Hand and feet protection:

Use chemical-resistant protective gloves, of nitrile, butyl or pvc material, of adequate length to protect skin from splashes. Protect from skin contact. Wear rubber boots when stepping into concrete. Portland cement may cause dermatitis or sensitization.



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### Eye protection:

Wear approved eye protection of properly-fitted dust-proof/splash-proof chemical safety goggles.

### Body protection:

Body protection must be chosen based on level of activity and exposure.

### Respiratory protection:

NIOSH-approved dust mask or filtering face piece is recommended, especially for poorly ventilated areas or areas where permissible exposure limits may be exceeded. Respirators should be selected and used under direction of a trained health & safety professional, following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI standard for respiratory protection (Z88.2)

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## 9. Physical and Chemical Properties

Form:	Granular powder
Odor:	earthy
Odor threshold:	Not determined
Color:	Gray
pH value:	approx. 13 (approx. 20 °C) as aqueous suspensions
Melting temperature:	not applicable
Boiling temperature:	not applicable
Sublimation point:	no applicable information available.
Flash point:	the substance/product is non-combustible
Flammability:	Not flammable
Lower explosion limit:	Not applicable
Relative density:	2.6 – 3.15 (at 25 degrees C)
Bulk density:	1800 – 2400 kg/m <sup>3</sup>
Vapor density:	No applicable information available.
Thermal decomposition:	No decomposition if stored and handled as prescribed & indicated.
Viscosity, dynamic:	No applicable information available
Viscosity, kinematic:	No applicable information available.
Solubility in water:	Insoluble
Miscibility with water:	Insoluble

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## 10. Stability and Reactivity

### 10.1 Reactivity

No dangerous or hazardous reactions known under conditions of normal use.

### 10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated. Store in dry location.

### 10.3 Possibility of hazardous reactions

No dangerous or hazardous reactions known under conditions of normal use.

### 10.4 Thermal decomposition / Conditions to avoid

No decomposition if used according to specifications. Avoid dust formation. Avoid humidity.

### 10.5 Incompatible materials

Contact of silica with powerful oxidizing agents, including fluorine, chlorine trifluoride, manganese trioxide or oxygen difluoride may cause fires.

### 10.6 Hazardous decomposition or byproducts

No hazardous decomposition products if stored and handled as prescribed/indicated. Silica will dissolve in hydrofluoric acid and produce a corrosive gas, silicon tetra-fluoride.



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### 11. Toxicological information

#### 11.1 Primary routes of exposure:

Eye contact, skin contact, skin absorption, inhalation or ingestion.

#### 11.2 Symptoms related to physical/chemical/toxicological characteristics

**Inhalation:** May cause respiratory tract irritation. Prolonged or repeated exposure may cause damage to organs. This product contains crystalline silica. Prolonged or repeated inhalation of respirable silica can cause silicosis.

**Skin contact:** May cause skin irritation. Contact may cause dry skin, discomfort, irritation, dermatitis or sensitization. Product becomes extremely alkaline when exposed to moisture and may cause alkali burns or affect the mucous membranes.

**Eye contact:** May cause serious eye damage. Symptoms may include discomfort or pain, excess blinking or tearing with redness and swelling of the conjunctiva.

**Ingestion:** Harmful if swallowed. Ingestion may cause discomfort, and/or distress, nausea or vomiting.

#### 11.3 Delayed, immediate and chronic effects of short-term and long-term exposure

##### Short Term:

Skin corrosion/irritation:	May cause severe skin burns
Serious eye damage/irritation:	May cause serious eye damage
Respiratory sensitization:	Data not available
Skin sensitization:	May cause an allergic skin reaction
Specific target organ toxicity -single exposure:	May cause respiratory irritation (Category 3)
Aspiration hazard:	Data not available

##### Long Term:

Carcinogenicity:	Crystalline silica in this product may cause cancer with chronic inhalation
Germ cell mutagenicity:	Data not available
Reproductive toxicity:	Data not available
Specific target organ toxicity-repeated exposure:	May cause damage to lungs through prolonged/repeated exposure (Category 1)
Synergistical/antagonistic effects:	Data not available

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### 12. Ecological Information

#### 12.1 Ecotoxicity

May cause long-term adverse effects to aquatic environment. Do not permit undiluted product to reach ground water, water course, sewage system or drainage ditch.

#### 12.2 Persistence and degradability

No further relevant information is available

#### 12.3 Bio-accumulative potential:

No further relevant information is available

#### 12.4 Mobility in soil

No further relevant information is available

#### 12.5 Other adverse effects:

No further relevant information is available

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### 13. Disposal considerations

#### 13.1 Waste disposal method:

The packaging and material may be sent to landfill, but the material should be covered to minimize airborne dust. This product is not classified as hazardous waste under RCRA or CERCLA. Dispose of product and packaging in accordance with local, state and federal regulations. Do not discharge into drains, surface or ground water.



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### 13.2 Other disposal considerations:

Packaging, emptied and cleaned, can be recycled in accordance with local, state and federal regulations. Water may be used as cleaning agent for container if needed.

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## 14. Transport Information

USA DOT & Canada TDG

<b>Land transport</b>	Not regulated
<b>Sea transport</b>	Not regulated
<b>Air transport</b>	Not regulated

**14.1 Environmental hazards:** Not available

**14.2 Transport in bulk according to Annex II of Marpol 73/79 & IBC Code:** Not available

### 14.3 Special precautions for users:

Do not handle until all safety precautions have been read and understood.

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## 15. Other Regulatory Information

### 15.1 Safety, Health and Environmental Regulations/Legislations specific for the chemical

#### Canada

**WHMIS Classification:** Considered to be a hazardous material under the Hazardous Products Act (HPA), as defined by the Controlled Products Regulations (CPR) and subject to the requirements of Health Canada Workplace Hazardous Material Information (WHMIS). This document complies with WHMIS requirements of the HPA and CPR.

### 15.2 US Federal information:

**SARA302/311/312/313 components:** No chemicals in this product are subject to the reporting requirements

**RCRA:** Crystalline silica quartz is not classified as a hazardous waste

**CERCLA:** Crystalline silica quartz is not classified as a hazardous waste

#### Emergency Planning and Community Right to Know Act (SARA Title III):

Crystalline silica quartz is not an extremely hazardous substance under Section 302 and is not a toxic chemical subject to the requirements of Section 313.


**FDA:** Silica is included in the list of substances that may be included in coatings used in the food contact surfaces, 21 CFR 175.300(b)(3)(xxvi).

**NTP:** Respirable crystalline silica, primary quartz dusts occurring in industrial and occupational workplaces, is classified as Known to be a Human Carcinogen.

**OSHA Carcinogen:** Crystalline silica quartz is not listed.

### 15.3 State Right to Know Laws:

#### California Prop. 65 Components:

 **Warning:** This product can expose user to crystalline silica, which is known to the state of California to cause cancer and Portland cement which is known to the state of California to cause birth defects or other reproductive harm. For more information, go to [www.P65Warning.ca.gov](http://www.P65Warning.ca.gov)

**California Inhalation Reference Exposure level (REL):** California established a chronic REL of 3 ug or silica (crystalline, respirable). A chronic REL is an airborne level at or below which no adverse health effects are anticipated in individuals indefinitely exposed to the substance at that level.



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**Massachusetts Toxic Use Reduction Act:** Silica, crystalline (respirable size <10 microns) is "toxic" per this act.

### 15.4 Global Inventories:

**DSL:** All components of this product are on the Canadian DSL list.

**TSCA No.:** Crystalline silica (quartz) is on the EPA TSCA inventory under CAS Number 14808-60-7. All ingredients are listed on the TSCA inventory.

## Part B: Liquid acrylic bonding agent component

### 2. Hazards Identification

#### 2.1 Classification of the mixture:

Classification according to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

No need for classification according to GHS criteria for this product.

#### 2.2 Label Element:

Labeling according to OSHA "Hazard Communication Standard" (29 CFR 1900.1200)

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



Pictogram(s):

Signal Word: Warning

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)

#### 2.1 Other hazards

No data available

## 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





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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  $\geq 0.1\%$ .

This material does not contain any ingredients above the permitted limit(s): Substances listed in the Subsections "HAPS" and "California Proposition 65 Carcinogens/ Reproductive Toxins" that are not listed in this section are only present at quantities below 0.1% for California Proposition 65 listed toxins or below 1% for non-carcinogenic HAPS or they are inextricably bound in the product. Specific chemical identities and/or exact percentage (concentration) of the composition may have been withheld as a trade secret.

### 4: FIRST AID MEASURES

#### 4.1 General information:

Get medical attention if irritation or other symptoms occur. Before seeking medical attention remove contaminated clothing and shoes. Take a copy of the Safety Data Sheet when going for medical treatment.

#### 4.2 After inhalation

If inhaled as aerosol, remove to fresh air. No special treatment required.

#### 4.3 After contact with the skin

If contact with skin, immediately flush skin with plenty of water for at least 15 min. Wash with soap and water.

#### 4.4 After contact with the eyes

If contact with eyes, immediately hold eyelids apart and flush with plenty of water for at least 15 min.

#### 4.5 After swallowing

For ingestion, if conscious, give several glasses of water but do not induce vomiting. If vomiting does occur, give additional fluids.

### 5: FIRE-FIGHTING MEASURES

#### 5.1 Flammable properties:

**Property:**

Flash point

Boiling point/ boiling range

Lower explosion limit (LEL)

Ignition temperature

**Value:**

not applicable

approx. 100 °C (212 °F) at 1013 hPa

not applicable

not applicable

#### 5.2 Fire and explosion hazards:

Dried up material is combustible. This material does not present any unusual fire or explosion hazards.

#### 5.3 Recommended extinguishing media:

Use extinguishing measures appropriate to the source of fire. Water may be used to cool tanks and structures adjacent

#### 5.4 Unsuitable extinguishing media:

not applicable

#### 5.5 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

not applicable .

#### 5.6 Fire fighting procedures:

Fire fighters should wear full protective clothing including a self-contained breathing apparatus.



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### 6: ACCIDENTAL RELEASE MEASURES

#### 6.1 Precautions:

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

**HAZWOPER PPE Level:** C

#### 6.2 Containment:

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

Spills of material which could reach surface waters must be reported to the United States Coast Guard National Response Center's toll-free phone number (800) 424-8802.

#### 6.3 Methods for 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.

### 7: HANDLING and STORAGE

#### 7.1 General information:

Avoid exposure by technical measures or personal protective equipment.

#### 7.2 Handling

**Precautions for safe handling:**

Spilled substance increases risk of slipping.

**Precautions against fire and explosion:**

No special precautions against fire and explosion required.

#### 7.3 Storage

**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 (32 °F)

### 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

#### 8.1 Engineering controls

**Ventilation:**

Use with adequate ventilation.

**Local exhaust:**

not necessary

#### 8.2 Associate substances with specific control parameters such as limit values

none known

#### 8.3 Personal protection equipment (PPE)

**Respiratory protection:**

not necessary

**Hand protection:**

rubber gloves



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### Eye protection:

chemical safety goggles

### Other protective clothing or equipment:

protective clothing to cover exposed areas of arms, legs and torso

### General hygiene and protection measures:

Avoid contact with eyes, skin and clothing. Do not eat or drink when handling. Wash thoroughly after handling.

## 9: PHYSICAL and CHEMICAL PROPERTIES

### 9.1 Appearance

Physical state/form	liquid/color- white
Odor	weak

### 9.2 Safety parameters

#### Property:

Melting point/ melting range  
Boiling point/boiling range  
Flash point  
Ignition temperature  
Lower explosion limit (LEL)  
Vapor pressure  
Density  
Water solubility/miscibility  
pH Value  
Viscosity (dynamic)

#### Value:

approximately 0 °C (32 °F)  
100 °C (212 °F) at 1013 hPa  
not applicable  
not applicable  
not applicable  
23 hPa / 20 °C (68 °F)  
1.05 g/cm<sup>3</sup>  
moderately soluble  
4.0 – 5.0 range  
1800 - 2700 mPa (Brookfield Method)

### 9.3 Further information

Odor limit	no data available
VOC	2.95 g/L

## SECTION 10: STABILITY and REACTIVITY

### 10.1 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

### 10.2 Conditions to avoid

none known.

### 10.3 Materials to avoid

none known.

### 10.4 Hazardous decomposition products

If stored and handled properly, none known. At increased temperature: acetic acid.

### 10.5 Further information:

Hazardous polymerization cannot occur.

## 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.



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### Product details:

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

#### 11.1.1 Skin corrosion/irritation

##### Assessment:

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

##### Product details:

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

#### 11.1.2 Serious eye damage/eye irritation

##### Assessment:

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

##### Product details:

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

#### 11.1.3 Respiratory or skin sensitivity Assessment:

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

#### 11.1.4 Germ cell mutagenicity

##### Assessment:

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

##### Product details:

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

#### 11.1.5 Carcinogenicity

##### Assessment:

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

#### 11.1.6 Reproductive toxicity Assessment:

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

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

##### Assessment:

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

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

##### Assessment:

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

#### 11.1.9 Aspiration hazard Assessment:

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



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Compilation Date: 2020 MAY 28

### 11.1.10 Further toxicological information

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

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

## 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity

#### Assessment:

No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

#### Product Detail

Result/Effect	Species/Test system	Source
LC50: > 100 mg/l	rainbow trout (Oncorhynchus mykiss) (96 h)	Conclusion by analogy OECD 203
EC50 : > 1000 mg/l	Daphnia magna (48 h)	Conclusion by analogy OECD 202
EC10: > 1000 mg/l	sludge (0.5 h)	Conclusion by analogy

### 12.1 Persistence and degradability

#### Assessment:

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

### 12.2 Bio-accumulative potential Assessment:

No adverse effects expected.

### 12.3 Mobility in soil

#### Assessment:

No adverse effects expected.

### 12.4 Other adverse effects

none known

### 12.5 Additional information

The ecotoxicological results provided were obtained from tests with similar products

## 13: DISPOSAL CONSIDERATIONS

### 13.1 Product disposal

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.

### 13.2 Packaging disposal

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.

## SECTION 14: TRANSPORTATION INFORMATION

### 14.1 US DOT & CANADA TDG SURFACE

Valuation

Not regulated for transport



# SAFETY DATA SHEET

According to 29 CFR 1910.1200 App D

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### Other Information

Protect from freezing, when exposed to cold temperatures, approaching 0 °C (32 °F) or below.

### 14.2 Transport by sea IMDG-Code

Valuation.

Not regulated for transport

### 14.3 Air transport ICAO-TIATA

Valuation.

Not regulated for transport

### 14.5 Environmental hazards

Hazardous to the environment: no

### 14.6 Special precautions for user



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Complies with OSHA CFR 1910.1200

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

Bulk transport in tankers not intended

## 15: REGULATORY INFORMATION

### 15.1 U.S. Federal regulations

#### TSCA inventory status and TSCA information:

This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

#### TSCA 12(b) Export Notification:

This material does not contain reportable amounts of any TSCA 12(b) listed chemicals.

#### CERCLA Regulated Chemicals:

This material does not contain any CERCLA regulated chemicals.

#### SARA 302 EHS Chemicals:

This material does not contain any SARA extremely hazardous substances.

#### SARA 311/312 Hazard Class:

This product does not present any SARA 311/312 hazards.

#### SARA 313 Chemicals:

This material does not contain any SARA 313 chemicals above are minimum levels.

#### HAPS (Hazardous Air Pollutants)-

GAS No.	Chemical	Upper limit wt. %
67-56-1	Methanol	<=0.0079
50-00-0	Formaldehyde	<=0.0139
75-07-0	Acetaldehyde	<=0.0019
123-91-1	1,4-Dioxane	<=0.0001

### 15.2 U.S. State regulations

#### California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986):

California Proposition 65 Carcinogens:

50-00-0	Formaldehyde
75-07-0	Acetaldehyde
123-91-1	1,4-Dioxane

California Proposition 65 Reproductive

Toxins:

67-56-1	Methanol
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#### Massachusetts Substance List:

This material contains no listed components.

#### New Jersey Right-to-Know Hazardous Substance List:

This material contains no listed components.

#### Pennsylvania Right-to-Know Hazardous Substance List:

This material contains no listed components.

### 15.3 Details of international registration status

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

South Korea (Republic of Korea)

#### ECL (Existing Chemicals List):

This product is listed in, or complies with the substance inventory.

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.

People's Republic of China

#### IECSC (Inventory of Existing Chemical Substances in China):



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Canada

Philippines

United States of America (USA)

Taiwan (Republic of China)

European Economic Area (EEA)

This product is listed in, or complies with the substance inventory.

**DSL** (Domestic Substance List):

This product is listed in, or complies with the substance inventory.

**PICCS** (Philippine Inventory of Chemicals and Chemical Substances):

This product is not listed or in compliance with the substance inventory.

**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.

**TCSI** (Taiwan Chemical Substance Inventory):

This product is not listed or in compliance with the substance inventory.

**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.

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### 3. Other Information

**Indicates information that has changed from previously issued version.**

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

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

#### Disclaimer

*The information contained in this data sheet is based on present scientific and technical knowledge. 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. **We accept no responsibility and disclaim all liability for any harmful effects which may have been caused by exposure to silica contained in our products.***

**END OF SAFETY DATA SHEET**