



# PREMIUM SILICONE WINDOW & DOOR MATERIAL SAFETY DATA SHEET

## GRCWD360-Clear

### 1. Product and company identification

**Company and address** PrimeSource Building Products, Inc.  
1321 Greenway Drive  
Irving, TX 75038-2504

**Contact** PrimeSource Building Products, Inc.  
**Telephone** 800-676-7777

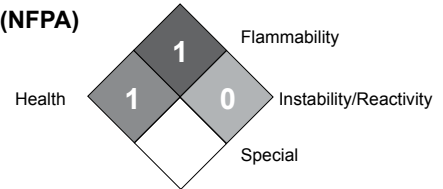
**In case of emergency**  
**Chemtrec (24-hour)** 800-424-9300  
**Chemtrec International** 703-527-3887

**Product code** 112661  
**Date of revision** 1/2015  
**Print date** 1/2015  
**Product use** Sealant  
**Formula** Mixture

#### Hazardous Material Information System (U.S.A.) (HMIS)

Health	1
Flammability	1
Physical hazards	0

#### National Fire Protection Agency (NFPA)



### 2. Hazards identification

#### Emergency overview

**Physical state** Paste  
**Color** Colorless  
**Odor** Acetic acid  
**Signal word** WARNING  
**Hazard statements** May be harmful if swallowed, in contact with skin or if inhaled. Irritating to eyes, respiratory system and skin.

#### Potential health effects

**Inhalation** Applies in uncured state. May be harmful if inhaled.

**Ingestion** May be harmful if swallowed. Non toxic.

**Skin** Uncured product contact will irritate lips, gums and tongue. Skin irritation is possible after contact with the uncured product. May be absorbed through skin and produce effects as listed under "Ingestion".

**Eyes** Eye irritation upon contact with uncured product.

**Medical conditions aggravated** Pre-existing skin or respiratory diseases.

**Subchronic (Target Organ)** Skin, Central nervous system.

**Chronic Effects / Carcinogenicity** This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

**Routes of exposure** Dermal, Eye, Inhalation

### 3. Composition/information on ingredients

Name	CAS number	WGT. %
<b>HAZARDOUS</b>		
Distillates (petroleum), hydrotreated	64742-46-7	7 - 13
Methyltriacetoxysilane	4253-34-3	1 - 5
<b>NON-HAZARDOUS</b>		
Treated filler	68611-44-9	5 - 10
Dimethylpolysiloxane	70131-67-8	60 - 100

### 4. First aid measures

<b>Eye contact</b>	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
<b>Skin contact</b>	To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. If skin irritation occurs, get medical advice/attention.
<b>Inhalation</b>	If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Give a glass of water.
<b>Notes to physician</b>	Treatment is symptomatic and supportive

### 5. Fire-fighting measures

<b>Flash Point</b>	> 93.3°C; 200°F
<b>Method</b>	Estimated
<b>Ignition Temperature</b>	No data available
<b>Flammable limits LEL</b>	Not applicable
<b>Flammable limits UEL</b>	Not applicable
<b>Sensitivity to mechanical impact</b>	No
<b>Sensitivity to static discharge</b>	Sensitivity to static discharge is not expected.
<b>Extinguishing media</b>	All standard extinguishing agents are suitable.
<b>Special fire-fighting procedures</b>	Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

### 6. Accidental release measures

<b>Action to be taken if material is released or spilled</b>	Wipe, scrape or soak up in an inert material and put in a container for disposal. Wash walking surfaces with detergent and water to reduce slipping hazard. Wear proper protective equipment as specified in the protective equipment section.
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### 7. Handling and storage

<b>Precautions to be taken in handling and storage</b>	Keep container closed. Avoid contact with skin and eyes. Use only in well-ventilated areas. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the finger and hands. Product releases acetic acid during application and curing. Attention: Not for injection into humans.
<b>Storage</b>	Keep out of the reach of children

## 8. Exposure controls/personal protection

<b>Engineering controls</b>	Eye wash facilities and emergency shower must be available when handling this product.
<b>Respiratory protection</b>	If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29CFR 1910.134).
<b>Protective gloves</b>	Rubber gloves are recommended
<b>Eye and face protection</b>	Safety glasses with side shields
<b>Other protective equipment</b>	Wear suitable protective clothing and eye/face protection.

### Exposure guidelines

Component	CAS number	Source	Value
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Absence of values indicates none found

PEL - OSHA Permissible Exposure Limit; TLV - ACGIH Threshold Limit Value; TWA - Time Weighted Average; INTL REL - Internal Recommended Exposure Limit  
 OSHA revoked the Final Rule Limits of January 19, 1989 in response to the 11th Circuit Court of Appeals decision (AFL-CIO v. OSHA) effective June 30, 1993. See 29 CFR 1910.1000 (58 FR 35338).

## 9. Physical and chemical properties

<b>Boiling point (°C)</b>	Not applicable
<b>Vapor pressure</b>	Not applicable
<b>Vapor density</b>	Not applicable
<b>Freezing point</b>	Not applicable
<b>Physical state</b>	Paste
<b>Odor</b>	Acetic acid
<b>Color</b>	Colorless
<b>Evaporation rate (Butyl Acetate=1)</b>	< 1
<b>Specific gravity</b>	ca. 1.04
<b>Density</b>	ca. 1.04 g/cm <sup>3</sup>
<b>Acid/Alkalinity (MEQ/G)</b>	Not applicable
<b>pH</b>	Not applicable
<b>Solubility in water (20°C)</b>	Insoluble
<b>Solubility in organic solvent (state solvent)</b>	Toluene
<b>Volatile organic content</b>	2.8% (m)
<b>VOC excl H<sub>2</sub>O &amp; exempts (G/L)</b>	36 g/L

## 10. Stability and reactivity

<b>Stability</b>	Stable
<b>Hazardous polymerization</b>	Hazardous polymerization does not occur.
<b>Hazardous thermal decomposition / combustion products</b>	Carbon dioxide; Silicon dioxide.; Formaldehyde.; Acetic acid.; This product contains methylpolysiloxanes which can generate formaldehyde at approximately 300 degrees Fahrenheit (150°C) and above, in atmospheres which contain oxygen. Formaldehyde is a skin and respiratory sensitizer, eye and throat irritant, acute toxicant, and potential cancer hazard. A MSDS for formaldehyde is available from <a href="mailto:4information@momentive.com">4information@momentive.com</a> .
<b>Incompatible materials</b>	None known
<b>Conditions to avoid</b>	None known

## 11. Toxicological information

<b>Carcinogenicity</b>	The National Toxicology Program (NTP) classifies formaldehyde as "known to be a human carcinogen" with respect to nasopharyngeal cancer, sinonasal cancer and myeloid leukemia. The International Agency for Research on Cancer (IARC) classifies formaldehyde as "carcinogenic to humans". U.S. OSHA regulates formaldehyde as a potential human carcinogen. See the OSHA Formaldehyde Workplace Standard at 29 CFR 1920. 1048 (the "OSHA Standard"). Safe handling and use instructions are provided in this MSDS and in the OSHA Standard. OSHA has identified 0.5 ppm, calculated as an eight-hour time-weighted average ("TWA") concentration, as the "Action Level". Please review and understand the guidance contained in this MSDS, and refer to the OSHA Standard for regulatory requirements that might be applicable to your operation and use. Many studies and other evaluations have been performed concerning formaldehyde's potential to cause cancer. To review some of these studies and for further information go to <a href="http://www.osha.gov">www.osha.gov</a> ; <a href="http://monographs.iarc.fr">http://monographs.iarc.fr</a> ; <a href="http://ntp-server.niehs.nih.gov">http://ntp-server.niehs.nih.gov</a> ; <a href="http://epa.gov">http://epa.gov</a> ; <a href="http://www.nap.edu">http://www.nap.edu</a> and other authoritative websites then search on formaldehyde.
<b>Acute dermal</b>	Remarks: Not applicable
<b>Acute inhalation</b>	Remarks: Not applicable
<b>Other</b>	Contains dibutyl tin dilaurate which may cause birth defects and reproductive effects based on animal data.
<b>Sensitization</b>	No data available
<b>Skin irritation</b>	No data available
<b>Eye irritation</b>	No data available
<b>Mutagenicity</b>	No data available
<b>Other effects of overexposure</b>	Acetic acid released during curing

## 12. Ecological information

<b>Ecotoxicity</b>	No data available.
<b>Distribution</b>	No data available
<b>Chemical Fate</b>	No data available

## 13. Disposal considerations

<b>Disposal methods</b>	Disposal should be made in accordance with federal, state and local regulations.
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## 14. Transport information

<b>Further information</b>	This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.
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## 15. Regulatory information

### Inventories

Australia inventory of chemical substances (AICS)	y (positive listing)
EU list of existing chemical substances	y (positive listing)
Japan inventory of existing and new chemical substances (ENCS)	y (positive listing)
China inventory of existing chemical substances	y (positive listing)
Korea existing chemicals inventory (KECI)	y (positive listing)
Canada DSL inventory	q (quantity restricted)
Canada NDSL inventory	n (negative listing)
Philippines inventory of chemicals and chemical substances (PICCS)	y (positive listing)
TSCA list	y (positive listing) On TSCA inventory

For inventories that are marked as quantity restricted or special cases, please contact 4information@momentive.com

### US regulatory information

#### SARA (311, 312) Hazard class

Acute health hazard

#### California proposition 65

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

### Canadian regulatory information

#### WHMIS Classification

D2B - Toxic Material Causing Other Toxic Effects

## 16. Other information

### Other information

C = ceiling limit	NE = none established	MST = mist
NEGL = negligible	REC = recommended	NT = not tested
EST = estimated	ND = none determined	STEL = short term exposure limit
NF = none found	V = recommended by vendor	ppm = parts per million
NA = not applicable	SKN = skin	ppb = parts per billion
UNKN = unknown	TS = trade secret	By-product= reaction by-product

TSCA inventory status not required under 40 CFR part 720.30(h-2). This data is offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Date of printing 1/2015 Date of issue 1/2015

Date of previous issue – Version 1

Indicates information that has changed from previously issued version.

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**PRIME**  
**SOURCE**  
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