

Section 1: IDENTIFICATION

1.1 PRODUCT IDENTIFIER

Product Name: SpeedSet[™] Fortified Thin-Set Mortar (Gray / White)

Product Code: F6029, F6030

1.2 RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE

Use: Mortar.

1.3 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

Name/Address: Custom Building Products

13001 Seal Beach Blvd Seal Beach, CA 90740

Telephone Number: (562) 598-8808

1.4 EMERGENCY TELEPHONE NUMBER

Emergency Telephone INFOTRAC 1-800-535-5053 (US and Canada)

Number: INTERNATIONAL + 1-352-323-3500

Section 2: HAZARD(S) IDENTIFICATION

2.1 CLASSIFICATION OF THE CHEMICAL ACCORDING TO OSHA HAZCOM 2012

Hazard class

Skin irritation 2
Serious eye damage 1
Skin sensitization 1
Carcinogenicity 1A
Reproductive Toxicity 1B

Specific target organ toxicity - Single exposure 3
Specific target organ toxicity - Repeated exposure 1

2.2 LABEL ELEMENTS ACCORDING TO OSHA HAZCOM 2012

Hazard Pictogram:







Signal Word: Danger

Hazard Statement: Causes skin irritation. Causes serious eye damage. May cause an

allergic skin reaction. May cause cancer. May damage fertility or the unborn child. May cause respiratory irritation. Causes damage to lungs

through prolonged or repeated exposure.

Prevention: Wash hands thoroughly after handling. Contaminated work clothing

must not be allowed out of the workplace. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye

protection/face protection. Use only outdoors or in a well-ventilated area. Do not breathe dust. Do not eat, drink or smoke when using this product.





Response: If exposed or concerned: Get medical advice/attention. If on skin: Wash

with plenty of water. Take off contaminated clothing and wash it before reuse. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor

if you feel unwell.

Storage: Store locked up. Store in a well-ventilated place. Keep container tightly

closed.

Disposal: Dispose of contents and container in accordance with all local,

regional, national and international regulations.

2.3 ADDITIONAL INFORMATION

Hazards not otherwise classified: Not applicable.

SpeedSetTM Fortified Thin-Set Mortar (Gray): 29 % of the mixture consists of ingredient(s) of unknown acute toxicity.

SpeedSet[™] Fortified Thin-Set Mortar (White): 34 % of the mixture consists of ingredient(s) of unknown acute toxicity.

WHMIS Classification(s):

Class D2A - Carcinogenicity

Class D2A - Chronic Toxic Effects

Class D2B - Skin/Eye Irritant

WHMIS Hazard Symbols:

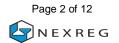


WHMIS Signal Word: WARNING

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 MIXTURES

Ingredient	CAS No	Wt. %
Cilian amentallian accorde	14000 00 7	20 00
Silica, crystalline, quartz	14808-60-7	30 - 60
Portland cement	65997-15-1	15 - 40
		10 - 30 ¹
Cement, alumina, chemicals	65997-16-2	5 - 10 ²
Ashes (residues)	68131-74-8	5 - 10 ¹
Gypsum	13397-24-5	1 - 5
Calcium magnesium tetrahydroxide	39445-23-3	1 - 5
Calcium magnesium hydroxide oxide	58398-71-3	1 - 5
Calcium hydroxide	1305-62-0	1 - 5
		0.1 - 1 ¹
Aluminum oxide	1344-28-1	3 - 7 ²
Magnesium hydroxide	1309-42-8	0.5 - 1.5
		0.5 - 1.5 ¹
Magnesium oxide	1309-48-4	1 - 5 ²





Kaolin	1332-58-7	0.1 - 1
Lithium carbonate	554-13-2	0.1 - 1
Slags, ferrous metal, blast furnace	65996-69-2	5 - 10 ²
Calcium oxide	1305-78-8	1 - 5 ²

¹ SpeedSet™ Fortified Thin-Set Mortar – Gray

The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of §1910.1200.

Section 4: FIRST- AID MEASURES

4.1 DESCRIPTION OF THE FIRST AID MEASURE

Eye: In case of contact, immediately flush eyes with plenty of water for at

least 15 minutes. If easy to do, remove contact lenses, if worn. Get

medical attention immediately.

Skin: In case of contact, immediately flush skin with plenty of water.

Remove contaminated clothing and shoes. Wash clothing before

reuse. Call a physician if irritation develops and persists.

Inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a

position comfortable for breathing. Get medical advice/attention if

you feel unwell.

Ingestion: If swallowed, do NOT induce vomiting unless directed to do so by

medical personnel. Never give anything by mouth to an unconscious

person. Get medical advice/attention.

4.2 MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Eye: Causes serious eye damage. Symptoms may include discomfort or pain,

excess blinking and tear production, with marked redness and swelling of

the conjunctiva. May cause burns in the presence of moisture.

Skin: Causes skin irritation. May cause burns in the presence of moisture.

Skin contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause an

allergic skin reaction.

Inhalation: May cause respiratory tract irritation.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea

or vomiting.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENTS NEEDED

Note to Physicians: Symptoms may not appear immediately.

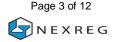
Specific Treatments: In case of accident or if you feel unwell, seek medical advice

immediately (show the label or SDS where possible).

Section 5: FIRE-FIGHTING MEASURES

5.1 FLAMMABILITY

Flammability: Not flammable by WHMIS/OSHA criteria.



² SpeedSet™ Fortified Thin-Set Mortar – White



5.2 EXTINGUISHING MEDIA

Suitable Extinguishing Media: Treat for surrounding material.

Unsuitable Extinguishing Media: Not available.

5.3 SPECIAL HAZARDS ARISING FROM THE CHEMICAL

Products of Combustion: May include, and are not limited to: oxides of carbon.

Explosion Data:

Sensitivity to Mechanical Impact: Not available. Sensitivity to Static Discharge: Not available.

5.4 SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS

Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

Section 6: ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

6.2 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING - UP

Methods for Containment: Pick up large pieces, then place in a suitable container. Do not flush

to sewer or allow to enter waterways. Use appropriate Personal

Protective Equipment (PPE).

Methods for Cleaning-Up: Vacuum or sweep material and place in a disposal container.

Section 7: HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING

Handling: Avoid contact with skin and eyes. Do not swallow. Do not breathe

dust. Good housekeeping is important to prevent accumulation of dust. Avoid generating dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. Use only in wellventilated areas. Handle and open container with care. When using do

not eat or drink. (See section 8)

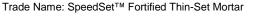
General Hygiene Advice: Launder contaminated clothing before reuse. Wash hands before

eating, drinking, or smoking.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage: Keep out of the reach of children. Store in dust-tight, dry, labeled

containers. Keep containers closed when not in use. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area. Do not store in an area equipped with emergency water sprinklers. Use corrosion-resistant structural materials and lighting and ventilation systems in the storage area. (See section 10)







Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

Exposure Guidelines

Occupational Exposure Limits			
Ingredient OSHA-PEL ACGIH-TLV			
	((10 mg/m ³)/(%SiO ₂ +2) TWA (resp));		
	$((30 \text{ mg/m}^3)/(\%\text{SiO}_2+2) \text{ TWA (total)});$		
Silica, crystalline, quartz	$((250)/(\%SiO_2+5) \text{ mppcf TWA (resp)})$	0.025 mg/m ³	
		1 mg/m³ (no asbestos and	
		<1% crystalline silica,	
Portland cement	15 mg/m³ (total); 5 mg/m³ (resp)	respirable fraction)	
Cement, alumina,			
chemicals	Not available.	Not available.	
Ashes (residues)	Not available.	Not available.	
	15 mg/m³ TWA (total dust);	_	
Gypsum	5 mg/m ³ TWA (respirable fraction)	10 mg/m ³	
Calcium magnesium			
tetrahydroxide	Not available.	Not available.	
Calcium magnesium			
hydroxide oxide	Not available.	Not available.	
Calcium hydroxide	15 mg/m³ (total); 5 mg/m³ (resp)	5 mg/m³	
Aluminum oxide	15 mg/m ³ (total) TWA 5 mg/m ³ (resp)	10 mg/m ³	
Magnesium hydroxide	15 mg/m ³	10 mg/m ³	
Magnesium oxide	15 mg/m ³	10 mg/m ³	
Kaolin	15 mg/m ³	2 mg/m ³	
Lithium carbonate	Not available.	Not available.	
Slags, ferrous metal,			
blast furnace	Not available.	Not available.	
Calcium oxide	5 mg/m³	2 mg/m ³	

8.2 EXPOSURE CONTROLS

Engineering Controls: Use ventilation adequate to keep exposures (airborne levels of dust,

fume, vapor, etc.) below recommended exposure limits.

8.3 INDIVIDUAL PROTECTIVE MEASURES

Personal Protective Equipment:

Eye/Face Protection: Wear approved eye (properly fitted dust- or splash-proof chemical safety

goggles) / face (face shield) protection.

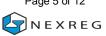
Skin Protection:

Hand Protection: Wear chemical resistant gloves. **Body Protection:** Wear suitable protective clothing.

Respiratory Protection: A NIOSH approved dust mask or filtering facepiece is recommended in

poorly ventilated areas or when permissible exposure limits may be exceeded. Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respirator standard (29 CFR 1910.134) and ANSI's standard for

respiratory protection (Z88.2).





General Health and Safety Measures:

Handle according to established industrial hygiene and safety practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Powder.

Color: Gray; White.

Odor: Not available.

Odor Threshold: Not available.

Physical State: Solid pH: 11-13

Melting Point/Freezing Point: Not available. **Initial Boiling Point and Boiling Range:** Not available. Flash Point: Not available. **Evaporation Rate:** Not available. Flammability: Not Flammable. Lower Flammability/Explosive Limit: Not available. **Upper Flammability/Explosive Limit:** Not available. Not available. **Vapor Pressure:** Vapor Density: Not available. 2.64 g/cm³ Relative Density/Specific Gravity: Solubility: Not available. Partition coefficient: n-octanol/water: Not available. **Auto-ignition Temperature:** Not available. **Decomposition Temperature:** Not available. Not available. Viscosity: **Oxidizing Properties:** Not available.

VOC content, g/L: 0 g/L

Section 10: STABILITY AND REACTIVITY

Not available.

10.1 REACTIVITY

Explosive Properties:

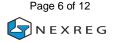
No dangerous reaction known under conditions of normal use.

10.2 CHEMICAL STABILITY

Stable under normal storage conditions. Keep dry in storage.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS

No dangerous reaction known under conditions of normal use.





10.4 CONDITIONS TO AVOID

Heat. Incompatible materials. Moisture.

10.5 INCOMPATIBLE MATERIALS

None known.

10.6 HAZARDOUS DECOMPOSITION PRODUCTS

May include, and are not limited to: oxides of carbon.

Section 11: TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS

Likely Routes of Exposure: Skin contact, skin absorption, eye contact, inhalation, and ingestion.

Symptoms related to physical/chemical/toxicological characteristics:

Eye: Causes serious eye damage. Symptoms may include discomfort or pain,

excess blinking and tear production, with marked redness and swelling of the

conjunctiva. May cause burns in the presence of moisture.

Skin: Causes skin irritation. May cause burns in the presence of moisture. Skin

contact during hydration may slowly develop sufficient heat that may cause severe burns possibly resulting in permanent injury. Do not allow product to harden around any body part or allow continuous, prolonged contact with skin. Handling can cause dry skin. May cause an allergic skin reaction.

Ingestion: May be harmful if swallowed. May cause stomach distress, nausea or vomiting.

Inhalation: May cause respiratory tract irritation.

Acute Toxicity:

Ingredient	LC50	LD50
Silica, crystalline, quartz	Not available.	Oral Rat 120 g/kg (TD _{lo})
Portland cement	Not available.	Not available.
Cement, alumina,		
chemicals	Not available.	Not available.
Ashes (residues)	Not available.	Oral Rat >2000 mg/kg
Gypsum	Not available.	Not available.
Calcium magnesium		
tetrahydroxide	Not available.	Not available.
Calcium magnesium		
hydroxide oxide	Not available.	Not available.
Calcium hydroxide	Not available.	Oral Rat 7340 mg/kg
Aluminum oxide	Not available.	Oral Rat >5000 mg/kg
Magnesium hydroxide	Not available.	Oral Rat 8500 mg/kg
Magnesium oxide	Not available.	Oral Rat >5000 mg/kg
Kaolin	Not available.	Not available.
Lithium carbonate	Inhalation Rat >2.17 mg/L 4 h	Oral Rat 525 mg/kg
Slags, ferrous metal, blast		
furnace	Not available.	Not available.
Calcium oxide	Not available.	Oral Rat >2000 mg/kg



Calculated overall Chemical Acute Toxicity Values		
LC50 (inhalation) LD50 (oral) LD50 (dermal)		
Not available. > 2000 mg/kg, rat Not available.		

Ingredient	Chemical Listed as Carcinogen or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)*	
Silica, crystalline, quartz	G-A2, I-1, N-1, O, CP65	
Portland cement	G-A4	
Cement, alumina, chemicals	Not listed.	
Ashes (residues)	Not listed.	
Gypsum	Not listed.	
Calcium magnesium tetrahydroxide	Not listed.	
Calcium magnesium hydroxide oxide	Not listed.	
Calcium hydroxide	Not listed.	
Aluminum oxide	Not listed.	
Magnesium hydroxide	Not listed.	
Magnesium oxide	G-A4	
Kaolin	G-A4	
Lithium carbonate	CP65	
Slags, ferrous metal, blast furnace	Not listed.	
Calcium oxide	Not listed.	

11.2 DELAYED, IMMEDIATE, AND CHRONIC EFFECTS OF SHORT- AND LONG-TERM EXPOSURE

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye damage.

Respiratory Sensitization: Based on available data, the classification criteria are not met.

May cause respiratory irritation.

Skin Sensitization: May cause an allergic skin reaction. **STOT-Single Exposure:**

Chronic Health Effects:

Carcinogenicity: May cause cancer.

Germ Cell Mutagenicity: Based on available data, the classification criteria are not met.

Reproductive Toxicity:

Developmental: May damage the unborn child.

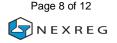
> **Teratogenicity:** Based on available data, the classification criteria are not met. Embryotoxicity: Based on available data, the classification criteria are not met.

Fertility: May damage fertility.

STOT-Repeated Exposure: Causes damage to lungs through prolonged or repeated exposure. **Aspiration Hazard:** Based on available data, the classification criteria are not met.

Toxicologically Synergistic

Not available. Materials: Other Information: Not available.





Section 12: ECOLOGICAL INFORMATION

12.1 ECOTOXICITY

Acute/Chronic Toxicity: May cause long-term adverse effects in the aquatic environment.

12.2 PERSISTENCE AND DEGRADABILITY

Not available.

12.3 BIOACCUMULATIVE POTENTIAL

Bioaccumulation: Not available.

12.4 MOBILITY IN SOIL

Not available.

12.5 OTHER ADVERSE EFFECTS

Not available.

Section 13: DISPOSAL CONSIDERATIONS

13.1 WASTE TREATMENT METHODS

Disposal Method: This material must be disposed of in accordance with all

local, state, provincial, and federal regulations.

Other disposal recommendations: Not available.

Section 14: TRANSPORT INFORMATION

14.1 UN NUMBER

DOT **TDG**

Not regulated. Not regulated.

14.2 UN PROPER SHIPPING NAME

DOT **TDG**

Not applicable. Not applicable.

14.3 TRANSPORT HAZARD CLASS (ES)

DOT **TDG**

Not applicable. Not applicable.

14.4 PACKING GROUP

TDG DOT

Not applicable. Not applicable.

14.5 ENVIRONMENTAL HAZARDS

Not available.

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

Not available.





14.7 SPECIAL PRECAUTIONS FOR USER

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

Section 15: REGULATORY INFORMATION

15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/ LEGISLATIONS SPECIFIC FOR THE CHEMICAL

Canada: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

US: MSDS prepared pursuant to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

SARA Title III				
Ingredient	Section 302 (EHS) TPQ (lbs.)	Section 304 EHS RQ (lbs.)	CERCLA RQ (lbs.)	Section 313
Silica, crystalline, quartz	Not listed.	Not listed.	Not listed.	Not listed.
Portland cement	Not listed.	Not listed.	Not listed.	Not listed.
Cement, alumina, chemicals	Not listed.	Not listed.	Not listed.	Not listed.
Ashes (residues)	Not listed.	Not listed.	Not listed.	Not listed.
Gypsum	Not listed.	Not listed.	Not listed.	Not listed.
Calcium magnesium tetrahydroxide	Not listed.	Not listed.	Not listed.	Not listed.
Calcium magnesium hydroxide oxide	Not listed.	Not listed.	Not listed.	Not listed.
Calcium hydroxide	Not listed.	Not listed.	Not listed.	Not listed.
Aluminum oxide	Not listed.	Not listed.	Not listed.	313
Magnesium hydroxide	Not listed.	Not listed.	Not listed.	Not listed.
Magnesium oxide	Not listed.	Not listed.	Not listed.	Not listed.
Kaolin	Not listed.	Not listed.	Not listed.	Not listed.
Lithium carbonate	Not listed.	Not listed.	Not listed.	313
Slags, ferrous metal, blast				
furnace	Not listed.	Not listed.	Not listed.	Not listed.
Calcium oxide	Not listed.	Not listed.	Not listed.	Not listed.

State Regulations

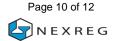
California Proposition 65:

This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm (Silica, crystalline, quartz; Lithium carbonate; Titanium dioxide; Acetaldehyde; Methanol; Vinyl chloride).

Global Inventories:

Ingredient	Canada DSL/NDSL	USA TSCA
Silica, crystalline, quartz	DSL	Yes.
Portland cement	DSL	Yes.
Cement, alumina, chemicals	DSL	Yes.
Ashes (residues)	DSL	Yes.
Gypsum	DSL	No.
Calcium magnesium tetrahydroxide	NDSL	Yes.

Trade Name: SpeedSet™ Fortified Thin-Set Mortar





Calcium magnesium hydroxide oxide	NDSL	Yes.
Calcium hydroxide	DSL	Yes.
Aluminum oxide	DSL	Yes.
Magnesium hydroxide	DSL	Yes.
Magnesium oxide	DSL	Yes.
Kaolin	DSL	Yes.
Lithium carbonate	DSL	Yes.
Slags, ferrous metal, blast furnace	DSL	Yes.
Calcium oxide	DSL	Yes.

NFPA National Fire Protection Association:		
Health: 2		
Fire: 0		
Reactivity:	0	

HMIS-Hazardous Materials Identification System		
Health: 2*		
Fire: 0		
Physical Hazard: 0		

Hazard Rating: 0 = minimal, 1 = slight, 2 = moderate, 3 = severe, 4 = extreme

SOURCE AGENCY CARCINOGEN CLASSIFICATIONS:

CP65 California Proposition 65

OSHA (O) Occupational Safety and Health Administration.

ACGIH (G) American Conference of Governmental Industrial Hygienists.

A1 - Confirmed human carcinogen.

A2 - Suspected human carcinogen.

A3 - Animal carcinogen.

A4 - Not classifiable as a human carcinogen.

A5 - Not suspected as a human carcinogen.

IARC (I) International Agency for Research on Cancer.

1 - The agent (mixture) is carcinogenic to humans.

2A - The agent (mixture) is probably carcinogenic to humans; there is limited evidence of carcinogenicity in humans and sufficient evidence of carcinogenicity in experimental animals.

2B - The agent (mixture) is possibly carcinogenic to humans; there is limited evidence of carcinogenicity in humans in the absence of sufficient evidence of carcinogenicity in experimental animals.

3 - The agent (mixture, exposure circumstance) is not classifiable as to its carcinogenicity to humans.

4 - The agent (mixture, exposure circumstance) is probably not carcinogenic to humans.

NTP (N) National Toxicology Program.

1 - Known to be carcinogens.

2 - Reasonably anticipated to be carcinogens.

Section 16: OTHER INFORMATION

Date of Preparation: December 23, 2013

Version: 1.0

Revision Date: December 23, 2013

Disclaimer: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for the user's own particular use.

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Prepared for: Custom Building Products

End of Safety Data Sheet

