

Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012 Date of issue: 03/26/2015 Revision date: 03/26/2015 Version: 1.0

SECTI	ON 1: Identification of the	substance/mixture and of the company/undertaking
1.1.	Product identifier	
Product	name	: Interstate - Standard Brick Products
Product	code	: Not available
1.2.	Relevant identified uses of the	e substance or mixture and uses advised against
Use of th	ne substance/mixture	: Building and construction work
1.3.	Details of the supplier of the s	afety data sheet
9780 S. West Joi	e Brick Company 5200 W. rdan, UT 84088 - U.S.A. 280-5200	
1.4.	Emergency telephone number	
Emerger	ncy number	: CHEMTREC 1 (800) 424-9300 CHEMTREC International +1 (703) 527-3887 24 hr
SECTI	ON 2: Hazards identificati	ion
2.1.	Classification of the substance	e or mixture
GHS-US	classification	
Carcinog	sitization 1B genicity 1A	
	target organ toxicity - Single expositance target organ toxicity - Repeated exponentiation of the second exponentistic exponentiation of the second exponentistic	
Specific 2.2.	target organ toxicity - Repeated ex Label elements	
Specific 2.2. GHS-US	target organ toxicity - Repeated ex	
Specific 2.2. GHS-US Hazard p	target organ toxicity - Repeated ex Label elements b labelling	xposure 1
Specific 2.2. GHS-US Hazard p Signal w	target organ toxicity - Repeated ex Label elements 5 labelling bictograms (GHS-US)	xposure 1 : GHS07 GHS08
Specific 2.2. GHS-US Hazard p Signal w Hazard s	target organ toxicity - Repeated ex Label elements 5 labelling bictograms (GHS-US)	<ul> <li>xposure 1</li> <li>: i i i i i i i i i i i i i i i i i i</li></ul>
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3.1. Substance

Not applicable



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Name	Product identifier	%	GHS-US classification
Clay/Shale Aluminum Silicates	Proprietary	90 - 95	Skin Irrit. 2 Eye Irrit. 2A Skin Sens. 1B Carc. 1A STOT SE 3 STOT RE 1
Quartz	(CAS No) 14808-60-7	40 - 75 <sup>1</sup>	Carc. 1A STOT RE 1
Manganese dioxide	(CAS No) 1313-13-9	< 3	Ox. Sol. 3 Acute Tox. 4 (Oral) Acute Tox. 4 (Inhalation)
Chromium oxide (Cr <sub>2</sub> O <sub>3</sub> )	(CAS No) 1308-38-9	< 3	Not classified

\* The specific chemical identity and 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 first aid measures	
First-aid measures after inhalation	If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact	In case of contact, immediately flush skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	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. If irritation persists, get medical attention.
First-aid measures after 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 if you feel unwell.
4.2. Most important symptoms and effects	, both acute and delayed
Symptoms/injuries after inhalation	May cause respiratory irritation. May cause shortness of breath, tightness of the chest, a sore throat and cough. Repeated exposure to very high levels of repairable crystalline silica quartz can cause acute silicosis.
Symptoms/injuries after skin contact	Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause an allergic skin reaction.
Symptoms/injuries after eye contact	Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
Symptoms/injuries after ingestion	May be harmful if swallowed. May cause stomach distress, nausea or vomiting.
4.3. Indication of any immediate medical a	ttention and special treatment needed

Symptoms may not appear immediately. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

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<b>SECTION 5: Firefighting measure</b>	es	
5.1. Extinguishing media		
Suitable extinguishing media	: Treat for surrounding material.	
Unsuitable extinguishing media	: None known.	
5.2. Special hazards arising from th	ne substance or mixture	
Fire hazard	: Products of combustion may include, and are not limited to: oxides of carbon.	
5.3. Advice for firefighters		
Protection during firefighting	: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).	
SECTION 6: Accidental release n	neasures	
6.1. Personal precautions, protectiv	ve equipment and emergency procedures	
General measures	: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Do not breathe dust.	
6.2. Methods and material for conta	ninment and cleaning up	
For containment	: Contain spill, then place in a suitable container. Minimize dust generation. 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. Provide ventilation.	
6.3. Reference to other sections		
See section 8 for further information on protective clothing and equipment and section 13 for advice on waste disposal.		
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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Precautions for safe handling	: Avoid contact with skin and eyes. Do not breathe dust. Avoid generating dust. Good housekeeping is important to prevent accumulation of dust. Do not swallow. Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Launder contaminated clothing before reuse. Wash hands before eating, drinking, or smoking.
7.2. Conditions for safe storage, includi	ng any incompatibilities
Storage conditions	: Keep out of the reach of children. Store in a well-ventilated place. Avoid any dust buildup by frequent cleaning and suitable construction of the storage area.

#### 7.3. Specific end use(s)

Not available.

.1. Control pa	rameters	
Clay/Shale Alumin	um Silicates (Proprietary)	
ACGIH	ACGIH TWA (mg/m³)	10 mg/m³
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	15 mg/m <sup>3</sup>
Quartz (14808-60-7	7)	
ACGIH	ACGIH TWA (mg/m³)	0.025 mg/m <sup>3</sup> (respirable fraction)
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	((10 mg/m <sup>3</sup> )/(%SiO <sub>2</sub> +2) TWA (resp))
		((30 mg/m <sup>3</sup> )/(%SiO <sub>2</sub> +2) TWA (total))
		((250)/(%SiO <sub>2</sub> +5) mppcf TWA (resp))
Manganese dioxid	e (1313-13-9)	
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.2 mg /m <sup>3</sup> (Mn)
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup> (Mn)
Chromium oxide (	Cr₂O₃) (1308-38-9)	
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.05 mg /m <sup>3</sup>
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	0.05 mg /m <sup>3</sup>

8.2. Exposure controls	
Appropriate engineering controls	: Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, etc.) below recommended exposure limits.
Personal protective equipment	: Avoid all unnecessary exposure.
Hand protection	: Wear chemically resistant protective gloves.
Eye protection	: Safety glasses with side shields or goggles are recommended for dust.
Skin and 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).
Environmental exposure controls	: Maintain levels below Community environmental protection thresholds.
Other information	: Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle according to established industrial hygiene and safety practices.

9.1. Information on basic	physical and chemical properties
Physical state	: Solid
Appearance	: Vitrified solid
Color	: Various
Odor	: Odorless
Odor threshold	: No data available

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рН	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: Not flammable
Explosive limits	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Vapor pressure	: No data available
Relative density	: 2.6
Relative vapor density at 20 °C	: No data available
Solubility	: Insoluble
Partition coefficient: n-octanol/water	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

Other information 9.2.

No additional information available

SECTION 10: Stability and reactivity				
10.1. Reactivity				
No dangerous reaction known under conditions of normal use.				
0.2. Chemical stability				
Stable under normal storage conditions.				
10.3. Possibility of hazardous reactions	1.3. Possibility of hazardous reactions			
No dangerous reaction known under conditions of	No dangerous reaction known under conditions of normal use.			
10.4. Conditions to avoid	.4. Conditions to avoid			
None known.				
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				
Acute toxicity	Not classified.			
Interstate - Standard Brick Products				
LD50 oral rat	> 2000 mg/kg			
I DE0 dermal rebbit				

Interstate - Stanuaru Drick Frouu	-13	
LD50 oral rat	> 2000 mg/kg	
LD50 dermal rabbit	No data available	
LC50 inhalation rat	> 5 mg/l/4h	
Manganese dioxide (1313-13-9)		
LD50 oral rat	> 3478 mg/kg	
Chromium oxide (Cr <sub>2</sub> O <sub>3</sub> ) (1308-38	-9)	
LD50 oral rat	>15000 mg/kg	
LC50 inhalation rat	> 5.41 mg/l/4h	
Skin corrosion/irritation	: Causes skin irritation.	
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Serious eye damage/instanon i Cueses serious eye intration. Respiratory or skin sensitiaaion i Muy cause an alegre skin section. Carcinogenicity i Based on available data, the classification orteria are not met. Carcinogenicity i Based on available data, the classification orteria are not met. Carcinogenicity Carcinogenicity IARC group IAR	according to the Hazard Communication Standard (CFR29	9 1910.1200) HazCom 2012
Cerrence mulageneity       : Based on available data, the classification oriteria are not met.         Carcinogeneity       : May cause cancer.         Marce (1980-66-7)       IARC group         National Toxicology Program (NTP) Status       2 - Krown Human Carcinogene         Chromitum code (Cr_Q) (100-8-8-9)       IARC group         LARC group       3 - Not classification         Reproductive toxicity       : Based on available data, the classification oriteria are not met.         Spacific target organ toxicity (inpuested exposure)       : May cause respiratory initiation.         Spacific target organ toxicity (inpuested exposure)       : Sum classification oriteria are not met.         Spacific target organ toxicity (inpuested exposure)       : Sum classification or Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Pholonged exposure to respiratory initiation. And social toxicology Program (NTP) as a lung carcinogen. Pholonged exposure to respiratory initiation and social. Sum diverse on toxicology Program (NTP) as a lung carcinogen. Pholonged exposure to respiratory initiation and social. Sum diverse of toxicity initiation and carcinogen. Pholonged exposure to respiratory initiation and and carcinogen exports initiation. Symptoms may include response.         Symptoms/injuries after skin contact       : Based on available data, the classification oriteria are not met.         Symptoms/injuries after skin contact       : Carcinogene exports initiation. Symptoms may include disconnot or pain, excess biniting and racking and cracking and cracking and cracking and crac	Serious eye damage/irritation	: Causes serious eye irritation.
Carcinogenicity       May cause cancer.         IMAC group       1 - Carcinogenic to humans         National Toxicology Program (NTP) Status       2 - Known Human Carcinogens         IARG group       3 - Not classifiable         Regroup       3 - Not classifiable         Regroup       3 - Not classifiable         Regroup       3 - Not classifiable         Specific target organ toxicly (repeated exposure)       Way cause resprotory (introin).         Specific target organ toxicly (repeated exposure)       Causes damage to organs through prolonged or resprated exposure to cause allicosis, a lung disease, which may be disabiling. While there may be a factor of individual agency for Research on Cancer (ARC) and National Toxicology Program (NTP) as a lung disease, which may be disabiling. While there may be a factor of individual agency for Research on Cancer (ARC) and National Toxicology Program (NTP) as a lung disease, which may be disabiling. While there may be a factor of individual agency for Research on Cancer (ARC) and National Toxicology Program (NTP) as a lung disease, which may be disabiling. While there may be a factor of individual agency for Research on Cancer (ARC) and National Toxicology Program (NTP) as a lung disease, which may be disabiling. While there may be cause an allengis disease, and the inspirable crystalling and trace discission criteria are not met.         Symptoms/injuries after inhalation       Causes as inhering is intraction criteria are not met.         Symptoms/injuries after inheritor       Causes as inhering is intractato.         Symptoms/injuries after inhere toxic	Respiratory or skin sensitisation	: May cause an allergic skin reaction.
Charat (1488-80-7)           IARC group         1 - Carcinogenic to humans           National Toxicology Program (NTP) Status         2 - Known Human Carcinogens           Chromium oxide (Cry0) (1308-38-9)         IARC group         3 - Not classifiable           Reproductive toxicity         IB Baed on available data, the classification criteria are not met.           Specific target organ toxicity (single exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (single exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure)         IAR cause respiratoly infinition.           Specific target organ toxicity (sepseted exposure).         IAR cause seclicity seprintion.	Germ cell mutagenicity	: Based on available data, the classification criteria are not met.
IMR group       1 - Carcinogenic to humans         National Toxicology Program (NTP) Status       2 - Known Human Carcinogens         Chronium oxide (Cr_00) (1308-39)       IAR Group       3 - Not classifiable         Reproductive toxicity       ::::::::::::::::::::::::::::::::::::	Carcinogenicity	: May cause cancer.
National Toxicology Program (NTP) Status         2 - Known Human Carcinogens           Chronium oxide (Gr.Q) (1008-38-9)         IARC group         3 - Not classifiable           Reproductive toxicity         Based on available data, the classification criteria are not met.           Specific target organ toxicity (single exposure)         I. May cause respiratory initiation.           Specific target organ toxicity (repeated exposure)         Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silica in the form of quartz or cristobalitits from occupational sources is listed by the international carcinogen. Prolonged exposure to respirable silica task, the international cause expiration of a sources is listed by the international carcinogen. Prolonged exposure to respirable silica task, the rinks of contracting silicosis and the severity of the disease is below to respirable silica task, then risk of contracting silicosis and the severity of the disease is locally related to the amount of dust exposure and the length of time (usually versi) of exposure.           Symptomsinjuries after inhalation         : May cause respiratory initiation. May cause shortness of breath, lightness of the chect, a sore throat and cough. Repeated exposure is very high levels of repairable crystalline silica quartz can cause acute silicosia.           Symptomsinjuries after inhalation         : May cause torgan throat and cough. Repeated exposure is very high levels of repairable crystalline silica quartz can cause acute silicosia.           Symptomsinjuries after inhalation         : May cause infraiton. Symptoms may include redness, edema, drying, defatting and cracking of the stall wealtoweed were were were were	Quartz (14808-60-7)	
Chromium oxide (Cr,O.) (1308-38-9)         IARC group         3 - Not classifiable           Reproductive toxicity         : Based on available data, the classification criteria are not met.           Specific target organ toxicity (repeated exposure)         : Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silica in the form of quarz or crisobalite from occupational sources is listed by the international Agency for Research on Cancer (IARC) and Vational Toxicoty Program (NEP) as a lung discuss. In this on the discussi is classification criteria are not met.           Specific target organ toxicity (repeated exposure)         : Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silicosis. and up desease, which may be disability. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the serving yor the disease is closally related to the amount of dust exposure to the yor high levels of repairable crystalline silica quarz can cause acute silicosis.           Symptoms/injuries after inhalation         : May cause respiratory irritation. May cause shortness of breath, tightness of the chest, a sore throat and cough. Repeated exposure to very high levels of repairable crystalline silica quarz can cause acute silicosis.           Symptoms/injuries after skin contact         : Causes sorius eye irritation. Symptoms may include discontro r pain, excess binking and test production, with marked reflectess and swelling of the conjunctiva.           Symptoms/injuries after eye contact         : Causes clong-term adverse effects in the aquatic environment.           12.1         Tor	IARC group	1 - Carcinogenic to humans
LARC group         3 - Not classifiable           Reproductive toxicity         : Based on available data, the classification criteria are not met.           Specific target organ toxicity (repeated exposure)         : May cause respiratory initiation.           Specific target organ toxicity (repeated exposure)         : Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silica in the form of quartz or cristabilie from couparional sources is listed by the International Agency for Research on Cancer (ARC) and National Toxicology Porgam (NTP) as a lung carcinage. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabiling while there may be a factor of individual subsequentity to gene exposure to trepsirable crystalline silica has been known to cause a silicosis, a lung disease, which may be disabiling while the relax of contrating allocosis and the gene exposure to trepsirable crystalline silica quartz can cause acuse islicosis.           Aspiration hazard         : Based on available data, the classification oriteria are not met.           Symptoms/injuries after inholation         : Causes sakin initiation. Symptoms may include redness, dowan, drying, defatting and cracking of the sin kine tori.           Symptoms/injuries after inholation         : Causes sin initiation. Symptoms may include redness, dowand, drying, defatting and cracking of the sin, index on whin aked redness and swelling of the conjunctiva.           Symptoms/injuries after ingestion         : May be harmful if swallowed. May cause setores and welling of the conjunctiva.           Specinton 12:         : Coulose sincitation. Symptom	National Toxicology Program (NTP) Status	2 - Known Human Carcinogens
LARC group         3 - Not classifiable           Reproductive toxicity         : Based on available data, the classification criteria are not met.           Specific target organ toxicity (repeated exposure)         : May cause respiratory initiation.           Specific target organ toxicity (repeated exposure)         : Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silica in the form of quartz or cristabilie from couparional sources is listed by the International Agency for Research on Cancer (ARC) and National Toxicology Porgam (NTP) as a lung carcinage. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabiling while there may be a factor of individual subsequentity to gene exposure to trepsirable crystalline silica has been known to cause a silicosis, a lung disease, which may be disabiling while the relax of contrating allocosis and the gene exposure to trepsirable crystalline silica quartz can cause acuse islicosis.           Aspiration hazard         : Based on available data, the classification oriteria are not met.           Symptoms/injuries after inholation         : Causes sakin initiation. Symptoms may include redness, dowan, drying, defatting and cracking of the sin kine tori.           Symptoms/injuries after inholation         : Causes sin initiation. Symptoms may include redness, dowand, drying, defatting and cracking of the sin, index on whin aked redness and swelling of the conjunctiva.           Symptoms/injuries after ingestion         : May be harmful if swallowed. May cause setores and welling of the conjunctiva.           Specinton 12:         : Coulose sincitation. Symptom	Chromium oxide (Cr <sub>2</sub> O <sub>3</sub> ) (1308-38-9)	
Specific target organ toxicity (single exposure)       : May cause respiratory initiation.         Specific target organ toxicity (sepeated exposure)       : Causes damage to organs through prolonged or nepeated exposure. Respirable crystalline silica in the form of quart <i>x</i> or instobalite from occupational sources is listed by the International Arteria or Specific target organ toxicity (sepeated exposure)         Specific target organ toxicity (sepeated exposure)       : Prolonged organs through prolonged or nepeated exposure. Respirable crystalline silica dust. The form on unit of dust exposure is respirable silica dust. The max we disability from a coupational sources is listed by the International Arteria of the disease sile cavality. There may be a factor of individual susceptibility to a given exposure to respirable silica dust. The insk of contracting silicosis and the severity of the disease sile cavality cavality explained or the amount of dust exposure and the length of time (usually years) of exposure.         Symptoms/injuries after inhalation       : May cause respiratory initiation. May causes and events of breacht, tightness of the chest, a sore throat and cough. Repeated exposure to very high levels of repairable crystalline silica quart can cause acute silicosis.         Symptoms/injuries after inhalation       : Causes senious eye initiation. Symptoms may include factors of motify and areaking and cracking of the silica were to very high levels of repairable crystalline silica use.         Symptoms/injuries after silica dust.       : Causes senious eye initiation. Symptoms may include factors on onling.         Symptoms/injuries after silica dust.       : Causes senious eye initiation. Symptoms may include factors on onling. <tr< td=""><td></td><td>3 - Not classifiable</td></tr<>		3 - Not classifiable
Specific target organ toxicity (single exposure)       : May cause respiration infration.         Specific target organ toxicity (repeated exposure)       : Causes damage to organs through prolonged or nepeated exposure. Respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by the International Action for the form occupational sources is listed by the International Action for the form occupational sources is listed by the International Action for the form occupational sources is listed by the International Action for the disease is clearly related to the amount of dust exposure and the length of time (usually years) of exposure.         Aspiration hazard       : Based on available data, the classification criteria are not met.         Symptoms/injuries after inhalation       : May cause respiratory initiation. May causes and end end or year and the end end of the clear set of the dist.         Symptoms/injuries after skin contact       : Causes skin iritiation. Symptoms may include redness, edema, drying, defatting and cracking of the skin.         Symptoms/injuries after exposure       : May cause respiratory initiation. Symptoms may include discomfort or pain, excess blinking and texp production, with marked redness and swelling of the conjunctiva.         Symptoms/injuries after inspection       : May cause long-term adverse effects in the aquatic environment.         12.2. Persistence and degradability       Not established.         12.3. Bioaccumulative potential       Not established.         11.1. Toxicity       Interstate - Standard Brick Products         12.4. Mobility in soil <td>Reproductive toxicity</td> <td>: Based on available data, the classification criteria are not met.</td>	Reproductive toxicity	: Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure)       : Causes damage to organs through prolonged or repeated exposure. Respirable crystalline silica in the form of quart or cristballite from cocupational sources is listed by the international Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable silica dust there may be a factor of individual susceptibility of a given exposure to respirable silica dust. there is do contracting silico is a submediate or the second of		
Symptoms/injuries after inhaliation       : May cause respiratory initiation. May cause shortness of breath, tightness of the chest, a sore throat and cough. Repeated exposure to very high levels of repairable crystalline silica quartz can cause acute silicosis.         Symptoms/injuries after skin contact       : Causes skin initiation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause an allergic skin reaction.         Symptoms/injuries after eye contact       : Causes skin initiation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.         Symptoms/injuries after ingestion       : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.         SECTION 12: Ecological information       :         12.1. Toxicity       :         Ecology - general       : May cause long-term adverse effects in the aquatic environment.         12.2. Persistence and degradability       Not established.         12.3. Bioaccumulative potential       Not established.         12.4. Mobility in soil       Not established.         12.5. Other adverse effects       :         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport		silica in the form of quartz or cristobalite from occupational sources is listed by the International Agency for Research on Cancer (IARC) and National Toxicology Program (NTP) as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of dust exposure and the length of
throat and cough. Repeated exposure to very high levels of repairable crystalline silica quartz can cause acute silicosis.         Symptoms/injuries after skin contact       : Causes skin irritation. Symptoms may include redness, edema, drying, defatting and cracking of the skin. May cause an allergic skin reaction.         Symptoms/injuries after eye contact       : Causes skin irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.         Symptoms/injuries after ingestion       : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.         SECTION 12: Ecological information       : May cause long-term adverse effects in the aquatic environment.         12.1. Toxicity       : Causes of the aquatic environment.         12.2. Persistence and degradability       Not established.         12.3. Bioaccumulative potential       Not established.         12.4. Mobility in soil       Not established.         12.5. Other adverse effects       :         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be	Aspiration hazard	: Based on available data, the classification criteria are not met.
of the skin. May cause an allergic skin reaction.         Symptoms/injuries after eye contact       : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and teer production, with marked redness and swelling of the conjunctiva.         Symptoms/injuries after ingestion       : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.         SECTION 12: Ecological information       12.1.         Toxicity       Ecology - general         Ecology - general       : May cause long-term adverse effects in the aquatic environment.         12.2.       Persistence and degradability         Interstate - Standard Brick Products       Persistence and degradability         Not established.       12.3.         Bioaccumulative potential       Not established.         12.4.       Mobility in soil         No additional information available       12.5.         Other adverse effects       Effect on the global warning         Effect on the global warning       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be	Symptoms/injuries after inhalation	throat and cough. Repeated exposure to very high levels of repairable crystalline silica quartz
tear production, with marked redness and swelling of the conjunctiva.         Symptoms/injuries after ingestion       : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.         SECTION 12: Ecological information         12.1. Toxicity         Ecology - general       : May cause long-term adverse effects in the aquatic environment.         12.2. Persistence and degradability         Interstate - Standard Brick Products         Persistence and degradability         Not established.         12.3. Bioaccumulative potential         Interstate - Standard Brick Products         Bioaccumulative potential         Not established.         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1. Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Not regulated for transport         Additional information	Symptoms/injuries after skin contact	
Symptoms/injuries after ingestion       : May be harmful if swallowed. May cause stomach distress, nausea or vomiting.         SECTION 12: Ecological information         12.1. Toxicity         Ecology - general       : May cause long-term adverse effects in the aquatic environment.         12.2. Persistence and degradability       Interstate - Standard Brick Products         Persistence and degradability       Not established.         12.3. Bioaccumulative potential       Interstate - Standard Brick Products         Bioaccumulative potential       Not established.         12.4. Mobility in soil       Not established.         No additional information available       12.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information       : Additional information	Symptoms/injuries after eye contact	
12.1. Toxicity         Ecology - general       : May cause long-term adverse effects in the aquatic environment.         12.2. Persistence and degradability         Interstate - Standard Brick Products         Persistence and degradability         Not established.         12.3. Bioaccumulative potential         Interstate - Standard Brick Products         Bioaccumulative potential         Not established.         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1. Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	Symptoms/injuries after ingestion	
Ecology - general       : May cause long-term adverse effects in the aquatic environment.         12.2. Persistence and degradability       Interstate - Standard Brick Products         Persistence and degradability       Not established.         12.3. Bioaccumulative potential       Interstate - Standard Brick Products         Bioaccumulative potential       Not established.         12.4. Mobility in soil       Not established.         No additional information available       12.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information       Interstate - Standard DOT         Not regulated for transport       Interstate - Standard Brick Products	<b>SECTION 12: Ecological information</b>	
12.2. Persistence and degradability         Interstate - Standard Brick Products         Persistence and degradability       Not established.         12.3. Bioaccumulative potential         Interstate - Standard Brick Products         Bioaccumulative potential         Not established.         12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1. Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	12.1. Toxicity	
Interstate - Standard Brick Products           Persistence and degradability         Not established.           12.3. Bioaccumulative potential         Interstate - Standard Brick Products           Bioaccumulative potential         Not established.           12.4. Mobility in soil         Not established.           No additional information available         Interstate - Standard Brick Products           Bioaccumulative potential         Not established.           12.4. Mobility in soil         Not established.           No additional information available         Interstate - Standard Brick Products           Effect on the global warming         : No known ecological damage caused by this product.           SECTION 13: Disposal considerations         Interstate methods           Waste treatment methods         : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.           SECTION 14: Transport information         Department of Transportation (DOT)           In accordance with DOT         Not regulated for transport           Not regulated for transport         Additional information		: May cause long-term adverse effects in the aquatic environment.
Persistence and degradability       Not established.         12.3.       Bioaccumulative potential         Interstate - Standard Brick Products       Bioaccumulative potential         Bioaccumulative potential       Not established.         12.4.       Mobility in soil         No additional information available       Interstate - Standard Brick Products         12.4.       Mobility in soil         No additional information available       Interstate - Standard Brick Products         12.5.       Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1.       Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)       In accordance with DOT         Not regulated for transport       Additional information		
12.3.       Bioaccumulative potential         Interstate - Standard Brick Products         Bioaccumulative potential         Not established.         12.4.       Mobility in soil         No additional information available         12.5.       Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1.       Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information		
Interstate - Standard Brick Products           Bioaccumulative potential         Not established.           12.4.         Mobility in soil           No additional information available         12.5.           12.5.         Other adverse effects           Effect on the global warning         : No known ecological damage caused by this product.           SECTION 13: Disposal considerations           13.1.         Waste treatment methods           Waste disposal recommendations         : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.           SECTION 14: Transport information           Department of Transportation (DOT)           In accordance with DOT           Not regulated for transport           Additional information	Persistence and degradability	Not established.
Bioaccumulative potential       Not established.         12.4.       Mobility in soil         No additional information available         12.5.       Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1.       Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	12.3. Bioaccumulative potential	
12.4. Mobility in soil         No additional information available         12.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1. Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	Interstate - Standard Brick Products	
No additional information available         12.5. Other adverse effects         Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1. Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	Bioaccumulative potential	Not established.
12.5. Other adverse effects         Effect on the global warning       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations         13.1. Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	12.4. Mobility in soil	
Effect on the global warming       : No known ecological damage caused by this product.         SECTION 13: Disposal considerations       : No known ecological damage caused by this product.         13.1.       Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information       Department of Transportation (DOT)         In accordance with DOT       Not regulated for transport         Not regulated for transport       Additional information	No additional information available	
SECTION 13: Disposal considerations         13.1.       Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	12.5. Other adverse effects	
13.1.       Waste treatment methods         Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	Effect on the global warming	: No known ecological damage caused by this product.
Waste disposal recommendations       : This material must be disposed of in accordance with all local, state, provincial, and federal regulations. The generation of waste should be avoided or minimized wherever possible.         SECTION 14: Transport information         Department of Transportation (DOT)         In accordance with DOT         Not regulated for transport         Additional information	SECTION 13: Disposal consideration	IS
regulations. The generation of waste should be avoided or minimized wherever possible.  SECTION 14: Transport information Department of Transportation (DOT) In accordance with DOT Not regulated for transport Additional information	13.1. Waste treatment methods	
Department of Transportation (DOT) In accordance with DOT Not regulated for transport Additional information	Waste disposal recommendations	
In accordance with DOT Not regulated for transport Additional information	SECTION 14: Transport information	
	In accordance with DOT	
Other information : No supplementary information available.		
	Other information	: No supplementary information available.



Safety Data Sheet

according to the Hazard Communication Standard (CFR29 1910.1200) HazCom 2012

Special transport precautions

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

SECTION 15: Regulatory i	formation
15.1. US Federal regulations	
All components of this product ar Control Act (TSCA) inventory.	listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances
15.2. US State regulations	
Interstate - Standard Brick Produ	cts
State or local regulations	This product contains Crystalline Silica, Quartz and may also contain trace amounts of other chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.
SECTION 16: Other inform	ation
Date of issue	: 03/26/2015
Other information	: None.

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