Safety Data Sheet Firestone Building Products Company

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

Product Name • **White One-Part Pourable Sealer**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified use(s) • Sealant

1.3 Details of the supplier of the safety data sheet

Manufacturer • Firestone Building Products Company
200 4th Avenue South
Nashville, TN 37201
United States
firestonemsds@bfdp.com

Telephone (General) • 800-428-4442

1.4 Emergency telephone number

Manufacturer • (800) 424-9300 - CHEMTREC

Manufacturer • (703) 527-3887 - CHEMTREC - International

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 2015/830]

2.1 Classification of the substance or mixture

CLP • Skin Sensitization 1 - H317
Eye Irritation 2 - H319
Germ Cell Mutagenicity 2 - H341
Reproductive Toxicity 1B - H360

2.2 Label Elements

CLP

DANGER

Hazard statements • H317 - May cause an allergic skin reaction
H319 - Causes serious eye irritation
H341 - Suspected of causing genetic defects.
H360 - May damage fertility or the unborn child

Precautionary statements

Prevention • P201 - Obtain special instructions before use.
P202 - Do not handle until all safety precautions have been read and understood.

P261 - Avoid breathing dust.
P264 - Wash thoroughly after handling.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves/protective clothing/eye protection/face protection.

Response • P302+P352 - IF ON SKIN: Wash with plenty of water.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P321 - Specific treatment, see supplemental first aid information.
P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P308+P313 - IF exposed or concerned: Get medical advice/attention.

Storage/Disposal • P405 - Store locked up.
P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other Hazards

CLP • Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Skin Sensitization 1
Eye Irritation 2A
Germ Cell Mutagenicity 2
Reproductive Toxicity 1B

2.2 Label elements

OSHA HCS 2012

DANGER

Hazard statements • May cause an allergic skin reaction
Causes serious eye irritation
Suspected of causing genetic defects.
May damage fertility or the unborn child.

Precautionary statements

Prevention • Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Avoid breathing dust.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.

Response • If on skin: Wash with plenty of water.
Wash contaminated clothing before reuse.
Specific treatment, see supplemental first aid information.
If skin irritation or rash 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.
If eye irritation persists: Get medical advice/attention.
IF exposed or concerned: Get medical advice/attention.

Storage/Disposal • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

OSHA HCS 2012

- Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS 2015

2.1 Classification of the substance or mixture

WHMIS 2015

- Skin Sensitization 1
  Eye Irritation 2A
  Germ Cell Mutagenicity 2
  Reproductive Toxicity 1B

2.2 Label elements

WHMIS 2015

DANGER

Hazard statements

- May cause an allergic skin reaction
  Causes serious eye irritation
  Suspected of causing genetic defects.
  May damage fertility or the unborn child.

Precautionary statements

Prevention

- Obtain special instructions before use.
  Do not handle until all safety precautions have been read and understood.
  Avoid breathing dust.
  Wash thoroughly after handling.
  Contaminated work clothing should not be allowed out of the workplace.
  Wear protective gloves/protective clothing/eye protection/face protection.

Response

- IF ON SKIN: Wash with plenty of water.
  Take off contaminated clothing and wash it before reuse.
  Specific treatment, see supplemental first aid information.
  If skin irritation or rash 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.
  If eye irritation persists: Get medical advice/attention.
  IF exposed or concerned: Get medical advice/attention.

Storage/Disposal

- Store locked up.
  Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards

WHMIS 2015

- Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions
  In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

3.1 Substances

- Material does not meet the criteria of a substance.

3.2 Mixtures

Composition					
Chemical Name	**Identifiers**	**%**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
Proprietary Polymer	NDA	10% TO 30%	NDA	**EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified	NDA
Limestone	**CAS:**1317-65-3 **EC Number:**215-279-6	10% TO 30%	NDA	**EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified	NDA
Titanium dioxide	**CAS:**13463-67-7 **EC Number:**236-675-5	1% TO 5%	NDA	**EU CLP:** Muta. 2, H341; Carc. 2 (Inhl), H351; STOT RE 2 (Lungs/Inhl), H373 **OSHA HCS 2012:** Muta. 2; Carc. 2 (inhl); STOT RE 2 (Lungs/Inhl) **WHMIS 2015:** Muta. 2; Carc. 2 (inhl); STOT RE 2 (Lungs/Inhl)	NDA
Proprietary Light Stabilizer	NDA	1% TO 5%	NDA	**EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified	NDA
Dehydration Agent	NDA	1% TO 5%	NDA	**EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified	NDA
Silica, amorphous	**CAS:**7631-86-9 **EC Number:**231-545-4	< 1%	Ingestion/Oral-Rat LD50 • >22500 mg/kg	**EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified	NDA
Dibutyltin Diacetyldiacetonate	**CAS:**22673-19-4 **EINECS:**245-152-0	< 1%	NDA	**EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified	NDA
Crystalline silica	**CAS:**14808-60-7 **EC Number:**238-878-4	< 1%	NDA	**EU CLP:** Carc. 1A, H350i; STOT RE 1, H372 (Lungs/Inhl) **OSHA HCS 2012:** Carc. 1A; STOT RE 1 (Lungs/Inhl) **WHMIS 2015:** Carc. 1A; STOT RE 1 (Lungs/Inhl)	NDA
Adhesion Promoter	NDA	< 1%	NDA	**EU CLP:** Not Classified **OSHA HCS 2012:** Not Classified **WHMIS 2015:** Not Classified	NDA

WARNING! This product contains chemicals known to the State of California to cause cancer. The listing of titanium dioxide and quartz (crystalline silica) is for "airborne, unbound particles of respirable size". The listing is not applicable to titanium dioxide or quartz when they remain bound within a product matrix. Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled.

See Section 16 for full text of H-statements.

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Get medical attention immediately.

Skin
- Wash affected skin with soap and water. Wash contaminated clothing before reuse. If irritation develops and persists, get medical attention.

Eye
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion
- Rinse mouth. Give plenty of water to drink. Do NOT induce vomiting. Get medical attention if symptoms occur.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to Physician
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media
- LARGE FIRE: Water spray, fog or regular foam.
  SMALL FIRES: Dry chemical, CO2 or regular foam.

Unsuitable Extinguishing Media
- Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- Containers can burst violently or explode when heated, due to excessive pressure build-up.

Hazardous Combustion Products
- Carbon oxides (CO, CO2), hydrocarbons, fumes, smoke, aldehydes, ketones, silica, formaldehyde, and nitrogen products.

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).
  Move containers from fire area if you can do it without risk.
  LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures
- Keep unauthorized personnel away. Stay upwind. Keep out of low areas.

6.2 Environmental precautions

- Avoid run off to waterways and sewers.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Stop leak if you can do it without risk.
  Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
  LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling
- Use only in well ventilated areas. Wear appropriate personal protective equipment,

avoid direct contact. Avoid breathing mist, vapours, spray. Avoid contact with skin, eyes, and clothing. Wash hands and other exposed areas thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Protect containers from damage. Store in a cool, dry, well-ventilated place. Protect from direct sunlight. Store protected against freezing. Keep only in the original container. Keep container tightly closed. Protect containers from damage.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines

	Result	ACGIH	Australia	Belgium	Canada Alberta	Canada British Columbia
Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA (containing no asbestos and <1% crystalline silica, inhalable dust)	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)
Silica, amorphous (7631-86-9)	TWAs	Not established	2 mg/m3 TWA (respirable dust, listed under Fumed silica)	Not established	Not established	Not established
Crystalline silica (14808-60-7)	TWAs	0.025 mg/m3 TWA (respirable particulate matter)	0.1 mg/m3 TWA (respirable dust)	0.1 mg/m3 TWA (alveolar dust)	0.025 mg/m3 TWA (respirable particulate)	0.025 mg/m3 TWA (respirable)
Limestone (1317-65-3)	TWAs	Not established	Not established	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)
	STELs	Not established	Not established	Not established	Not established	20 mg/m3 STEL (total dust)

Exposure Limits/Guidelines (Con't.)

	Result	Canada Manitoba	Canada New Brunswick	Canada Northwest Territories	Canada Nova Scotia	Canada Nunavut
Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA
	STELs	Not established	Not established	20 mg/m3 STEL	Not established	20 mg/m3 STEL
Crystalline silica (14808-60-7)	TWAs	0.025 mg/m3 TWA (respirable particulate matter)	0.1 mg/m3 TWA (respirable fraction)	0.05 mg/m3 TWA (respirable fraction, listed under Silica - crystalline)	0.025 mg/m3 TWA (respirable particulate matter)	0.05 mg/m3 TWA (respirable fraction, listed under Silica - crystalline)
Limestone (1317-65-3)	TWAs	Not established	10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica)	10 mg/m3 TWA	Not established	10 mg/m3 TWA
	STELs	Not established	Not established	20 mg/m3 STEL	Not established	20 mg/m3 STEL

Exposure Limits/Guidelines (Con't.)

	Result	Canada Ontario	Canada Quebec	Canada Saskatchewan	Canada Yukon	China

Titanium dioxide (13463-67-7)	STELs	Not established	Not established	Not established	20 mg/m3 STEL (as Ti)	16 mg/m3 STEL (total dust)
	TWAs	10 mg/m3 TWA	10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust)	10 mg/m3 TWA	30 mppcf TWA (as Ti); 10 mg/m3 TWA (as Ti)	8 mg/m3 TWA (total dust)
Silica, amorphous (7631-86-9)	TWAs	Not established	Not established	Not established	300 particle/mL TWA (as measured by Konimeter instrumentation, listed under Silica); 20 mppcf TWA (as measured by Impinger instrumentation, listed under Silica); 2 mg/m3 TWA (respirable mass, listed under Silica)	Not established
Crystalline silica (14808-60-7)	STELs	Not established	Not established	Not established	Not established	2 mg/m3 STEL (containing 10 - 50% free SiO2, total dust); 1.4 mg/m3 STEL (containing 50 - 80% free SiO2, total dust); 1 mg/m3 STEL (containing >80% free SiO2, total dust); 1.4 mg/m3 STEL (containing 10 - 50% free SiO2, respirable dust); 0.6 mg/m3 STEL (containing 50 - 80% free SiO2, respirable dust); 0.4 mg/m3 STEL (containing >80% free SiO2, respirable dust)
	TWAs	0.10 mg/m3 TWA (designated substances regulation, respirable, listed under Silica, crystalline)	0.1 mg/m3 TWAEV (respirable dust)	0.05 mg/m3 TWA (respirable fraction, listed under Silica - crystalline (Trydimite removed))	300 particle/mL TWA (listed under Silica - Quartz, crystalline)	0.7 mg/m3 TWA (containing 50 - 80% free SiO2, total dust); 0.3 mg/m3 TWA (containing 50 - 80% free SiO2, respirable dust); 1 mg/m3 TWA (containing 10 - 50% free SiO2, total dust); 0.7 mg/m3 TWA (containing 10 - 50% free SiO2, respirable dust); 0.5 mg/m3 TWA (containing >80% free SiO2, total dust); 0.2 mg/m3 TWA (containing >80% free SiO2, respirable dust)
						16 mg/m3 STEL (total

	STELs	Not established	Not established	Not established	20 mg/m3 STEL	dust); 8 mg/m3 STEL (respirable dust)
Limestone (1317-65-3)	TWAs	Not established	10 mg/m3 TWAEV (Limestone, containing no Asbestos and <1% Crystalline silica, total dust)	10 mg/m3 TWA	30 mppcf TWA; 10 mg/m3 TWA	8 mg/m3 TWA (total dust); 4 mg/m3 TWA (respirable dust)

Exposure Limits/Guidelines (Con't.)

	Result	Denmark	Germany DFG	Germany TRGS	NIOSH	OSHA
Titanium dioxide (13463-67-7)	TWAs	6 mg/m3 TWA (as Ti)	Not established	Not established	Not established	15 mg/m3 TWA (total dust)
Silica, amorphous (7631-86-9)	TWAs	Not established	Not established	4 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, inhalable fraction)	6 mg/m3 TWA	Not established
	MAKs	Not established	4 mg/m3 TWA MAK (inhalable fraction)	Not established	Not established	Not established
Crystalline silica (14808-60-7)	TWAs	0.3 mg/m3 TWA (total); 0.1 mg/m3 TWA (respirable)	Not established	Not established	0.05 mg/m3 TWA (respirable dust)	50 µg/m3 TWA (listed under Respirable crystalline silica)
Limestone (1317-65-3)	TWAs	Not established	Not established	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)

Exposure Control Notations

Canada Ontario

- Crystalline silica (14808-60-7): **Designated Substances:** (0.10 mg/m3 TWA (respirable fraction, listed under Silica, crystalline))

Canada Quebec

- Crystalline silica (14808-60-7): **Carcinogens:** (C2 carcinogen - effect suspected in humans)

ACGIH

- Titanium dioxide (13463-67-7): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)
- Crystalline silica (14808-60-7): **Carcinogens:** (A2 - Suspected Human Carcinogen)

Germany DFG

- Titanium dioxide (13463-67-7): **Carcinogens:** (Category 3A (could be carcinogenic for man; inhalable fraction with the exception of ultra small particles))
- Crystalline silica (14808-60-7): **Carcinogens:** (Category 1 (causes cancer in man; alveola fraction))
- Silica, amorphous (7631-86-9): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)

Exposure Limits Supplemental

OSHA

- Crystalline silica (14808-60-7): **Mineral Dusts:** ((250)/(%SiO2 + 5) mppcf TWA, respirable fraction; (10)/(%SiO2 + 2) mg/m3 TWA, respirable fraction)
- Silica, amorphous (7631-86-9): **Mineral Dusts:** (20 mppcf TWA; (80)/(% SiO2) mg/m3 TWA)

ACGIH

- Titanium dioxide (13463-67-7): **TLV Basis - Critical Effects:** (lower respiratory tract irritation)
- Crystalline silica (14808-60-7): **TLV Basis - Critical Effects:** (lung cancer; pulmonary fibrosis)

8.2 Exposure controls

Engineering Measures/Controls

- This material is designed to be used outdoors, in roofing applications. Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering

controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory
- In case of insufficient ventilation, wear suitable respiratory equipment. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH or European Standard EN 149 certified respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face
- Wear safety goggles.

Skin/Body
- Wear appropriate gloves. Wear protective clothing

Environmental Exposure Controls
- In case of spills, keep product clear of sewers, waterways or land areas. Dispose of waste product in accordance with national and local laws and regulations.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration
NIOSH = National Institute of Occupational Safety and Health
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)
STEL = Short Term Exposure Limits are based on 15-minute exposures
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures
TWAEV = Time-Weighted Average Exposure Value

Section 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	White paste with mild odor.
Color	White	Odor	Mild odor.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Slightly basic
Specific Gravity/Relative Density	= 1.48 Water=1	Water Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking	Volatiles (Vol.)	< 0.5 g/L
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Data lacking		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- Containers can burst violently or explode when heated, due to excessive pressure build-up. Reaction will occur if exposed to moisture.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Direct sunlight. Extremely high or low temperatures. Ignition sources. Incompatible materials.

10.5 Incompatible materials

- Strong acids. Strong bases. Strong oxidizers.

10.6 Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Limestone (10% TO 30%)	1317-65-3	**Multi-dose Toxicity:** Inhalation-Rat TCLo • 84 mg/m³ 4 Hour(s) 40 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Fibrosis (interstitial)**; *Liver*:**Other changes**; *Kidney, Ureter, and Bladder*:**Other changes**; Inhalation-Rat TCLo • 250 mg/m³ 2 Hour(s) 24 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Fibrosis, focal (pneumoconiosis)**
Titanium dioxide (1% TO 5%)	13463-67-7	**Irritation:** Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; **Multi-dose Toxicity:** Inhalation-Rat TCLo • 10 mg/m³ 6 Hour(s) 13 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Fibrosis (interstitial)**; *Lungs, Thorax, or Respiration*:**Other changes**; *Biochemical:Metabolism (intermediary)*:**Effect on inflammation or mediation of inflammation**; Inhalation-Rat TCLo • 250 mg/m³ 6 Hour(s) 4 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Chronic pulmonary edema**; *Lungs, Thorax, or Respiration*:**Other changes**; **Mutagen:** Micronucleus test • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; DNA damage • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; Cytogenetic analysis • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; **Tumorigen / Carcinogen:** Inhalation-Rat • 10 mg/m³ 18 Hour(s) 2 Year(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Lungs, Thorax, or Respiration*:**Tumors**; Inhalation-Rat TCLo • 250 mg/m³ 6 Hour(s) 2 Year(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Lungs, Thorax, or Respiration*:**Tumors**
Crystalline silica (< 1%)	14808-60-7	**Acute Toxicity:** Inhalation-Human TCLo • 16 mppcf 8 Hour(s) 17.9 Year(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Fibrosis, focal (pneumoconiosis)**; *Lungs, Thorax, or Respiration*:**Cough**; *Lungs, Thorax, or Respiration*:**Dyspnea**; Inhalation-Rat TCLo • 200 mg/kg; *Lungs, Thorax, or Respiration*:**Fibrosis, focal (pneumoconiosis)**; *Lungs, Thorax, or Respiration*:**Other changes**; *Nutritional and Gross Metabolic:Changes in Chemistry or Temperature*:**Fe**; **Multi-dose Toxicity:** Inhalation-Hamster TCLo • 3 mg/m³ 6 Hour(s) 78 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Fibrosis (interstitial)**; *Lungs, Thorax, or Respiration*:**Changes in lung weight**; Inhalation-Rat TCLo • 80 mg/m³ 26 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Fibrosis, focal (pneumoconiosis)**; *Blood*:**Changes in spleen**; *Immunological Including Allergic*:**Decrease in cellular immune response**; Inhalation-Rat TCLo • 6.2 mg/m³ 6 Hour(s) 6 Week(s)-Intermittent; *Lungs, Thorax, or Respiration*:**Other changes**; *Blood*:**Changes in spleen**; *Immunological Including Allergic*:**Increase in cellular immune response**; **Mutagen:** Micronucleus test • Unreported Route-Hamster • Lung (Somatic cell) • 160 µg/cm³; DNA damage • Unreported Route-Human • Other Cell Type • 120 mg/L 24 Hour(s); Micronucleus test • Unreported Route-Human • Lung (Somatic cell) • 40 µg/cm³; **Tumorigen / Carcinogen:** Inhalation-Rat TCLo • 50 mg/m³ 6 Hour(s) 71 Week(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Liver*:**Tumors**
Silica, amorphous (< 1%)	7631-86-9	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • >22500 mg/kg; **Irritation:** Eye-Rabbit • 25 mg 24 Hour(s) • Mild irritation; **Multi-dose Toxicity:** Inhalation-Rat TCLo • 30 mg/m³ 6 Hour(s) 6 Week(s)-Intermittent; *Sense Organs and Special Senses:Eye*:**Lacrimation**; *Lungs, Thorax, or Respiration*:**Pulmonary emboli**; *Gastrointestinal*:**Changes in structure or function of salivary glands**

GHS Properties	Classification
Acute toxicity	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Skin corrosion/Irritation	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Serious eye damage/Irritation	**EU/CLP** • Eye Irritation 2 **OSHA HCS 2012** • Eye Irritation 2A **WHMIS 2015** • Eye Irritation 2A
Skin sensitization	**EU/CLP** • Skin Sensitizer 1 **OSHA HCS 2012** • Skin Sensitizer 1 **WHMIS 2015** • Skin Sensitizer 1
Respiratory sensitization	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Aspiration Hazard	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Carcinogenicity	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
Germ Cell Mutagenicity	**EU/CLP** • Germ Cell Mutagenicity 2 **OSHA HCS 2012** • Germ Cell Mutagenicity 2 **WHMIS 2015** • Germ Cell Mutagenicity 2
Toxicity for Reproduction	**EU/CLP** • Toxic to Reproduction 1B **OSHA HCS 2012** • Toxic to Reproduction 1B **WHMIS 2015** • Toxic to Reproduction 1B
STOT-SE	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking
STOT-RE	**EU/CLP** • Data lacking **OSHA HCS 2012** • Data lacking **WHMIS 2015** • Data lacking

Potential Health Effects

Inhalation

Acute (Immediate)
- No data available

Chronic (Delayed)
- No data available

Skin

Acute (Immediate)
- May cause skin sensitization. Symptoms include redness, and skin rash.

Chronic (Delayed)
- No data available

Eye

Acute (Immediate)
- Causes serious eye irritation.

Chronic (Delayed)
- No data available

Ingestion

Acute (Immediate)
- No data available

Chronic (Delayed)
- No data available

Mutagenic Effects
- Animal tests for components show repeated and prolonged exposure may cause mutagenic effects.

Carcinogenic Effects
- Due to the form of the product, exposure to the potentially carcinogenic components is not expected.

Carcinogenic Effects			
	CAS	IARC	NTP
Crystalline silica	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen
Titanium dioxide	13463-67-7	Group 2B-Possible Carcinogen	Not Listed

Reproductive Effects
- Repeated and prolonged exposure may cause reproductive effects.

Key to abbreviations
LC = Lethal Concentration
LD = Lethal Dose
TC = Toxic Concentration
TD = Toxic Dose

Section 12 - Ecological Information

12.1 Toxicity

- Not regarded as dangerous to the environment. However, large or frequent spills may have hazardous effects on the environment. Aquatic Chronic 3 - H412. Harmful to aquatic life with long lasting effects.

12.2 Persistence and degradability

- Material data lacking.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- No studies have been found.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Product waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. Do not attempt to clean or re-use empty containers.

Packaging waste
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Section 14 - Transport Information

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
TDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
IMO/IMDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
ADN	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
ADR/RID	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
IATA/ICAO	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA

14.6 Special precautions for user
- None specified.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
- Data lacking.

Section 15 - Regulatory Information

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

State Right To Know				
Component	**CAS**	**MA**	**NJ**	**PA**
Crystalline silica	14808-60-7	Yes	Yes	Yes
Dibutyltin Diacetyldiacetonate	22673-19-4	No	No	No
Limestone	1317-65-3	Yes	Yes	Yes
Silica, amorphous	7631-86-9	Yes	No	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes

Inventory						
Component	**CAS**	**Canada DSL**	**Canada NDSL**	**China**	**EU EINECS**	**EU ELNICS**
Crystalline silica	14808-60-7	Yes	No	Yes	Yes	No
Dibutyltin Diacetyldiacetonate	22673-19-4	Yes	No	Yes	Yes	No
Limestone	1317-65-3	No	Yes	Yes	Yes	No
Silica, amorphous	7631-86-9	Yes	No	Yes	Yes	No
Titanium dioxide	13463-67-7	Yes	No	Yes	Yes	No

Inventory (Con't.)				
Component	**CAS**	**Japan ENCS**	**Korea KECL**	**TSCA**
Crystalline silica	14808-60-7	Yes	Yes	Yes
Dibutyltin Diacetyldiacetonate	22673-19-4	Yes	Yes	Yes
Limestone	1317-65-3	Yes	Yes	Yes
Silica, amorphous	7631-86-9	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes

Belgium

Labor

Belgium - Substances and Preparations - Carcinogens and Mutagens

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Bulgaria

Environment

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 24 Hour

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - 30 Minute

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Bulgaria - Air Quality - Maximum Admissible Hazardous Contaminant Levels - Annual

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Canada

Labor

Canada - WHMIS 1988 - Classifications of Substances

• Titanium dioxide	13463-67-7	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS Division website.)
• Limestone	1317-65-3	D2A
• Silica, amorphous	7631-86-9	Uncontrolled product according to WHMIS classification criteria
• Crystalline silica	14808-60-7	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Silica, crystalline, encapsulated on Health Canada's WHMIS Division website.)
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Canada - WHMIS 1988 - Ingredient Disclosure List

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	1 %
• Crystalline silica	14808-60-7	1 %
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

China

Other

China - Annex I & II - Controlled Chemicals Lists

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Denmark

Environment

Denmark - List of Undesirable Substances - Product Groups/Function

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Europe

Other

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification (OBSOLETE)

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits (OBSOLETE)

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling (OBSOLETE)

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed

• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations (OBSOLETE)

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases (OBSOLETE)

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Germany

Labor

Germany - Immission Control - Qualifying Quantities for Major Accident Prevention

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Germany - Immission Control - Qualifying Quantities for Safety Reporting

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Germany - TRGS 505 - Specific Lead Regulations

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Environment

Germany - TA Luft - Types and Classes

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Germany - TA Luft - Emission Limits for Carcinogenic Substances

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Germany - TA Luft - Emission Limits for Fibers		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
Germany - TA Luft - Emission Limits for Inorganic Dusts		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
Germany - TA Luft - Emission Limits for Inorganic Gases		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
Germany - TA Luft - Emission Limits for Organic Substances		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
Germany - Water Classification (VwVwS) - Annex 1		
• Titanium dioxide	13463-67-7	1345, not considered hazardous to water
• Limestone	1317-65-3	317, not considered hazardous to water
• Silica, amorphous	7631-86-9	849, not considered hazardous to water
• Crystalline silica	14808-60-7	849, not considered hazardous to water
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
Germany - Water Classification (VwVwS) - Annex 3		
• Titanium dioxide	13463-67-7	ID Number 1345, not considered hazardous to water
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	ID Number 849, not considered hazardous to water
• Crystalline silica	14808-60-7	ID Number 849, not considered hazardous to water

• Dibutyltin Diacetyldiacetonate	22673-19-4	ID Number 7696, hazard class 3 - severe hazard to waters

United States

Labor

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

Environment

U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List		
• Titanium dioxide	13463-67-7	carcinogen, 9/2/2011 (airborne, unbound particles of respirable size)
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
U.S. - California - Proposition 65 - Developmental Toxicity		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• Titanium dioxide	13463-67-7	Not Listed

• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Silica, amorphous	7631-86-9	Not Listed
• Crystalline silica	14808-60-7	Not Listed
• Dibutyltin Diacetyldiacetonate	22673-19-4	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

15.3 Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Relevant Phrases (code & full text)

- H350i - May cause cancer by inhalation.
  H351 - Suspected of causing cancer.
  H372 - Causes damage to organs through prolonged or repeated exposure.
  H373 - May cause damage to organs through prolonged or repeated exposure.

Revision Date

- 24/April/2018

Preparation Date

- 01/November/2017

Disclaimer/Statement of Liability

- The information contained herein is based on data considered accurate which has been obtained from other companies and organizations. However, no warranty or representation is expressed or implied that the information, is accurate, complete or representative. Firestone Building Products Company, LLC assumes no responsibility for injury to the buyer, the buyer's employees, or any third persons, if reasonable safety procedures are not followed. Additionally, Firestone Building Products Company, LLC assumes no responsibility for injury to buyer, the buyer's employees, or any third persons caused by abnormal use of this material, even if reasonable safety procedures are followed.

Key to abbreviations

NDA = No Data Available