

Safety Data Sheet

GenFlex Roofing Systems

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

1.1 Product identifier

Product Name • **Waterstop Sealant**

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

Relevant identified use(s) • Construction

1.3 Details of the supplier of the safety data sheet

Manufacturer • Firestone Building Products Company
250 West 96th Street
Indianapolis, IN 46260
United States

genflexmsds@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 453/2010]

2.1 Classification of the substance or mixture

CLP • Skin Irritation 2 - H315
Eye Irritation 2 - H319
Specific Target Organ Toxicity Repeated Exposure 1 - H372

2.2 Label Elements

CLP

DANGER

Hazard statements • H315 - Causes skin irritation
H319 - Causes serious eye irritation
H372 - Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention • P260 - Do not breathe mist, vapours and/or spray.
P264 - Wash thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.

Response • P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
P321 - Specific treatment, see supplemental first aid information.
P362 - Take off contaminated clothing and wash before reuse.

P332+P313 - If skin irritation 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.
P314 - Get medical advice/attention if you feel unwell.

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

2.3 Other Hazards

CLP • 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 Irritation 2
Eye Irritation 2

2.2 Label elements

OSHA HCS 2012

WARNING



Hazard statements • Causes skin irritation
Causes serious eye irritation

Precautionary statements

Prevention • Wash thoroughly after handling.
Wear protective gloves and eye/face protection , .

Response • If on skin: Wash with plenty of water .
Specific treatment, see supplemental first aid information.
Take off contaminated clothing and wash before reuse.
If skin irritation occurs: Get medical advice/attention.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

OSHA HCS 2012 • Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS • Other Toxic Effects - D2B

2.2 Label elements

WHMIS



WHMIS • Other Toxic Effects - D2B

2.3 Other hazards

WHMIS

- 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
Carbonic acid calcium salt (1:1)	CAS:471-34-1 EC Number:207-439-9	25% TO 50%	Ingestion/Oral-Rat LD50 • 6450 mg/kg	EU CLP: Skin Irrit. 2, H315; Eye Irrit. 2, H319 OSHA HCS 2012: Skin Irrit. 2; Eye Irrit. 2	NDA
Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	CAS:64742-55-8 EC Number:265-158-7 EU Index:649-468-00-3	5% TO 20%	NDA	EU CLP: Annex VI, Table 3.1: Carc. 1B, H350 OSHA HCS 2012: Acute Tox. 4 (Inhl)	Contains less than 3% DMSO
Stoddard solvent	CAS:8052-41-3 EC Number:232-489-3 EU Index:649-345-00-4	2.5% TO 10%	Inhalation-Rat LC50 • >1400 ppm 8 Hour(s)	EU CLP: Annex VI, Table 3.1: Muta. 1B, H340; Carc. 1B, H350; STOT RE 1, H372 (CNS); Asp. Tox. 1, H304 OSHA HCS 2012: Flam. Liq. 2; Eye Irrit. 2A; STOT SE 3: Narc.; STOT RE 1 (CNS); Asp. Tox. 1	Contains less than 0.1% Benzene
Limestone	CAS:1317-65-3 EC Number:215-279-6	2.5% TO 10%	NDA	EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Kaolin	CAS:1332-58-7	2.5% TO 10%	NDA	EU CLP: Eye Irrit. 2, H319; STOT RE 1, H372 OSHA HCS 2012: Eye Irrit. 2B; STOT RE 1 (Lungs)	NDA
Carbonic acid, magnesium salt (1:1)	CAS:546-93-0 EC Number:208-915-9	2.5% TO 10%	Ingestion/Oral-Rat LD50 • 8000 mg/kg	EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Quaternary ammonium compounds, bis (hydrogenated tallow alkyl) dimethyl-, salt with bentonite	CAS:68953-58-2 EC Number:273-219-4	<= 2.5%	NDA	EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Calcium oxide	CAS:1305-78-8 EC Number:215-138-9	<= 2.5%	NDA	EU CLP: Skin Corr. 1C, H314; Eye Dam. 1, H318; EUH071 OSHA HCS 2012: Skin Corr. 1C; Eye Dam. 1	NDA

Titanium dioxide	CAS:13463-67-7 EC Number:236-675-5	<= 1%	NDA	EU CLP: Muta. 2, H341; Carc. 2, H351; STOT RE 2, H373 (Lungs) OSHA HCS 2012: Muta. 2; Carc. 2; STOT RE 2 (Lungs)	NDA
Silica gel	CAS:112926-00-8	<= 1%	NDA	EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Amorphous Fumed Silica	NDA	<= 0.1%	NDA	EU CLP: Not Classified OSHA HCS 2012: Not Classified	NDA
Ethylbenzene	CAS:100-41-4 EC Number:202-849-4 EU Index:601-023-00-4	< 0.1%	Ingestion/Oral-Rat LD50 • 3500 mg/kg Skin-Rabbit LD50 • 17800 µL/kg	EU CLP: Community Workplace Exposure Limits OSHA HCS 2012: Exposure Limits	NDA
Quartz	CAS:14808-60-7 EC Number:238-878-4	<= 0.03%	NDA	EU CLP: Community Workplace Exposure Limits OSHA HCS 2012: Exposure Limits	NDA
Carbon Black	CAS:1333-86-4 EC Number:215-609-9	<= 0.03%	Ingestion/Oral-Rat LD50 • >15400 mg/kg Skin-Rabbit LD50 • >3 g/kg	EU CLP: Community Workplace Exposure Limits OSHA HCS 2012: Exposure Limits	NDA

It is highly unlikely the powders and pigments compounded within this product would pose a hazardous risk from inhalation as they are no longer a respirable particulate. Exposure to these components as used in this sealant is highly unlikely.

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. If signs/symptoms continue, get medical attention.

Skin

- Wash skin with soap and water. If irritation develops and persists, get medical attention.

Eye

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.

Ingestion

- Get medical attention.

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 • CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

Unsuitable Extinguishing Media • No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • No data available

Hazardous Combustion Products • No data available

5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA).

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.

Emergency Procedures • Keep unauthorized personnel away. Ventilate closed spaces before entering.

6.2 Environmental precautions

- Prevent entry into 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.

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 good safety and industrial hygiene practices. Use only with adequate ventilation. Wear appropriate personal protective equipment. Do not breath mist/vapours/spray. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities

Storage • Keep container/package tightly closed in a cool, well-ventilated place.

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	Belgium	Canada Alberta	Canada British Columbia	Canada Manitoba
Carbon Black (1333-86-4)	TWAs	3 mg/m ³ TWA (inhalable fraction)	3.5 mg/m ³ TWA	3.5 mg/m ³ TWA	3 mg/m ³ TWA (inhalable)	3 mg/m ³ TWA (inhalable fraction)

Quartz (14808-60-7)	TWAs	0.025 mg/m3 TWA (respirable fraction)	0.1 mg/m3 TWA (alveolar dust)	0.025 mg/m3 TWA (respirable particulate)	0.025 mg/m3 TWA (respirable)	0.025 mg/m3 TWA (respirable fraction)
Ethylbenzene (100-41-4)	STELs	Not established	125 ppm STEL; 551 mg/m3 STEL	125 ppm STEL; 543 mg/m3 STEL	Not established	Not established
	TWAs	20 ppm TWA	100 ppm TWA; 442 mg/m3 TWA	100 ppm TWA; 434 mg/m3 TWA	20 ppm TWA	20 ppm TWA
Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)	10 mg/m3 TWA
Silica gel (112926-00-8)	TWAs	Not established	10 mg/m3 TWA	Not established	4 mg/m3 TWA (total); 1.5 mg/m3 TWA (respirable)	Not established
Kaolin (1332-58-7)	TWAs	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m3 TWA (alveolar fraction)	2 mg/m3 TWA (respirable)	2 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable particulate)	2 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)
Calcium oxide (1305-78-8)	TWAs	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWA
Stoddard solvent (8052-41-3)	TWAs	100 ppm TWA	100 ppm TWA; 533 mg/m3 TWA	100 ppm TWA; 572 mg/m3 TWA	290 mg/m3 TWA	100 ppm TWA
	STELs	Not established	Not established	Not established	580 mg/m3 STEL	Not established
Limestone (1317-65-3)	TWAs	Not established	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)	Not established
	STELs	Not established	Not established	Not established	20 mg/m3 STEL (total dust)	Not established
Carbonic acid, magnesium salt (1:1) (546-93-0)	TWAs	Not established	Not established	Not established	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)	Not established
Carbonic acid calcium salt (1:1) (471-34-1)	TWAs	Not established	Not established	10 mg/m3 TWA	Not established	Not established

Exposure Limits/Guidelines (Con't.)

	Result	Canada New Brunswick	Canada Northwest Territories	Canada Nova Scotia	Canada Nunavut	Canada Ontario
Carbon Black (1333-86-4)	TWAs	3.5 mg/m3 TWA	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable fraction)	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable)
	STELs	Not established	7 mg/m3 STEL	Not established	7 mg/m3 STEL	Not established
Quartz (14808-60-7)	TWAs	0.1 mg/m3 TWA (respirable fraction)	0.05 mg/m3 TWA (respirable fraction, listed under Silica - crystalline)	0.025 mg/m3 TWA (respirable fraction)	0.1 mg/m3 TWA (respirable mass); 0.3 mg/m3 TWA (total mass)	0.10 mg/m3 TWA (designated substances regulation, respirable, listed under Silica, crystalline)
Ethylbenzene (100-41-4)	STELs	125 ppm STEL; 543 mg/m3 STEL	125 ppm STEL	Not established	125 ppm STEL; 542 mg/m3 STEL	Not established
	TWAs	100 ppm TWA; 434 mg/m3 TWA	100 ppm TWA	20 ppm TWA	100 ppm TWA; 434 mg/m3 TWA	20 ppm TWA
					5 mg/m3 TWA	

Titanium dioxide (13463-67-7)	TWAs	10 mg/m3 TWA	10 mg/m3 TWA	10 mg/m3 TWA	(respirable mass); 10 mg/m3 TWA (total mass)	10 mg/m3 TWA
	STELs	Not established	20 mg/m3 STEL	Not established	Not established	Not established
Silica gel (112926-00-8)	TWAs	10 mg/m3 TWA (listed under Silica - amorphous, precipitated silica and silica gel)	10 mg/m3 TWA (listed under Silica amorphous)	Not established	Not established	Not established
	STELs	Not established	20 mg/m3 STEL (listed under Silica amorphous)	Not established	Not established	Not established
Kaolin (1332-58-7)	TWAs	2 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)	2 mg/m3 TWA (respirable fraction)	2 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica, respirable fraction)	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)	2 mg/m3 TWA (containing no Asbestos and <1% Crystalline silica, respirable)
	STELs	Not established	4 mg/m3 STEL (respirable fraction)	Not established	Not established	Not established
Calcium oxide (1305-78-8)	TWAs	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWA
	STELs	Not established	4 mg/m3 STEL	Not established	4 mg/m3 STEL	Not established
Stoddard solvent (8052-41-3)	TWAs	100 ppm TWA; 525 mg/m3 TWA	100 ppm TWA	100 ppm TWA	100 ppm TWA; 575 mg/m3 TWA	525 mg/m3 TWA (140°C Flash aliphatic solvent)
	STELs	Not established	125 ppm STEL	Not established	125 ppm STEL; 720 mg/m3 STEL	Not established
Limestone (1317-65-3)	TWAs	10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica)	10 mg/m3 TWA	Not established	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)	Not established
	STELs	Not established	20 mg/m3 STEL	Not established	Not established	Not established
Carbonic acid, magnesium salt (1:1) (546-93-0)	TWAs	10 mg/m3 TWA (particulate matter containing no Asbestos and <1% Crystalline silica)	10 mg/m3 TWA	Not established	Not established	Not established
	STELs	Not established	20 mg/m3 STEL	Not established	Not established	Not established
Carbonic acid calcium salt (1:1) (471-34-1)	STELs	Not established	20 mg/m3 STEL (listed under Limestone)	Not established	Not established	Not established
	TWAs	Not established	10 mg/m3 TWA (listed under Limestone)	Not established	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)	Not established
Exposure Limits/Guidelines (Con't.)						
	Result	Canada Quebec	Canada Saskatchewan	Canada Yukon	Denmark	Germany DFG
Carbon Black (1333-86-4)	TWAs	3.5 mg/m3 TWAEV	3.5 mg/m3 TWA	3.5 mg/m3 TWA	3.5 mg/m3 TWA	Not established
	STELs	Not established	Not established	7 mg/m3 STEL	Not established	Not established

Quartz (14808-60-7)	TWAs	0.1 mg/m3 TWAEV (respirable dust)	0.05 mg/m3 TWA (respirable fraction, listed under Silica - crystalline)	300 particle/mL TWA (listed under Silica)	0.3 mg/m3 TWA (total); 0.1 mg/m3 TWA (respirable)	Not established
Ethylbenzene (100-41-4)	TWAs	100 ppm TWAEV; 434 mg/m3 TWAEV	100 ppm TWA	100 ppm TWA; 435 mg/m3 TWA	50 ppm TWA; 217 mg/m3 TWA	Not established
	STELs	125 ppm STEV; 543 mg/m3 STEV	Not established	125 ppm STEL; 545 mg/m3 STEL	Not established	Not established
	Ceilings	Not established	Not established	Not established	Not established	40 ppm Peak; 176 mg/m3 Peak
	MAKs	Not established	Not established	Not established	Not established	20 ppm TWA MAK; 88 mg/m3 TWA MAK
Titanium dioxide (13463-67-7)	TWAs	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)	6 mg/m3 TWA (as Ti)	Not established
	STELs	Not established	Not established	20 mg/m3 STEL (as Ti)	Not established	Not established
Silica gel (112926-00-8)	TWAs	6 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, respirable dust)	10 mg/m3 TWA (listed under Silica amorphous)	Not established	Not established	Not established
Kaolin (1332-58-7)	TWAs	5 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, respirable dust)	2 mg/m3 TWA (respirable fraction)	30 mppcf TWA; 10 mg/m3 TWA	2 mg/m3 TWA (respirable)	Not established
	STELs	Not established	Not established	20 mg/m3 STEL	Not established	Not established
Calcium oxide (1305-78-8)	TWAs	2 mg/m3 TWAEV	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWA	Not established
	STELs	Not established	Not established	4 mg/m3 STEL	Not established	Not established
	Ceilings	Not established	Not established	Not established	Not established	2 mg/m3 Peak (inhalable fraction)
	MAKs	Not established	Not established	Not established	Not established	1 mg/m3 TWA MAK (inhalable fraction)
Stoddard solvent (8052-41-3)	TWAs	100 ppm TWAEV; 525 mg/m3 TWAEV	100 ppm TWA	100 ppm TWA; 575 mg/m3 TWA	25 ppm TWA (= <20% Aromatic compounds); 145 mg/m3 TWA (= <20% Aromatic compounds)	Not established
	STELs	Not established	Not established	150 ppm STEL; 720 mg/m3 STEL	Not established	Not established
Limestone (1317-65-3)	TWAs	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	Not established	Not established
	STELs	Not established	Not established	20 mg/m3 STEL	Not established	Not established

Carbonic acid, magnesium salt (1:1) (546-93-0)	TWAs	10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust)	10 mg/m3 TWA	Not established	Not established	Not established
Carbonic acid calcium salt (1:1) (471-34-1)	TWAs	10 mg/m3 TWAEV (total dust)	10 mg/m3 TWA (listed under Limestone)	30 mppcf TWA; 10 mg/m3 TWA	Not established	Not established
	STELs	Not established	Not established	20 mg/m3 STEL	Not established	Not established
Exposure Limits/Guidelines (Con't.)						
	Result	Germany TRGS	NIOSH	OSHA		
Carbon Black (1333-86-4)	TWAs	Not established	3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m3 TWA		
Quartz (14808-60-7)	TWAs	Not established	0.05 mg/m3 TWA (respirable dust)	Not established		
Ethylbenzene (100-41-4)	TWAs	20 ppm TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2); 88 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed, exposure factor 2)	100 ppm TWA; 435 mg/m3 TWA	100 ppm TWA; 435 mg/m3 TWA		
	STELs	Not established	125 ppm STEL; 545 mg/m3 STEL	Not established		
Titanium dioxide (13463-67-7)	TWAs	Not established	Not established	15 mg/m3 TWA (total dust)		
Kaolin (1332-58-7)	TWAs	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)		
Calcium oxide (1305-78-8)	TWAs	1 mg/m3 TWA AGW (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed. Substance causing local effects, inhalable fraction, exposure factor 2)	2 mg/m3 TWA	5 mg/m3 TWA		
Stoddard solvent (8052-41-3)	TWAs	Not established	350 mg/m3 TWA	500 ppm TWA; 2900 mg/m3 TWA		
	Ceilings	Not established	1800 mg/m3 Ceiling (15 min)	Not established		
Limestone (1317-65-3)	TWAs	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)		
Carbonic acid, magnesium salt (1:1) (546-93-0)	TWAs	Not established	10 mg/m3 TWA (total dust, listed under Magnesite); 5 mg/m3 TWA (respirable dust, listed under Magnesite)	Not established		
Carbonic acid calcium salt (1:1) (471-34-1)	TWAs	Not established	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	Not established		

Exposure Control Notations

Germany TRGS

- Ethylbenzene (100-41-4): **Skin:** (skin notation)

Germany DFG

- Kaolin (1332-58-7): **Carcinogens:** (Category 3B (could be carcinogenic for man))
- Quartz (14808-60-7): **Carcinogens:** (Category 1 (causes cancer in man, alveola fraction))
- Titanium dioxide (13463-67-7): **Carcinogens:** (Category 3A (could be carcinogenic for man, inhalable fraction with the exception of ultra small particles))
- Calcium oxide (1305-78-8): **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to)
- Carbon Black (1333-86-4): **Carcinogens:** (Category 3B (could be carcinogenic for man, inhalable fraction))
- Ethylbenzene (100-41-4): **Carcinogens:** (Category 4 (no significant contribution to human cancer)) | **Pregnancy:** (no risk to embryo/fetus if exposure limits adhered to) | **Skin:** (skin notation)

8.2 Exposure controls**Engineering Measures/Controls**

- This adhesive 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. Use explosion-proof electrical/ventilating/lighting/equipment.

Personal Protective Equipment**Respiratory**

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

Eye/Face

- Wear splash goggles.

Skin/Body

- Wear appropriate chemical resistant clothing. Wear appropriate chemical resistant gloves.

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

STEL = Short Term Exposure Limits are based on 15-minute exposures

MAK = Maximale Arbeitsplatz Konzentration is the maximum permissible concentration

STEV = Short Term Exposure Value

NIOSH = National Institute of Occupational Safety and Health

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

OSHA = Occupational Safety and Health Administration

TWAEV = Time-Weighted Average Exposure Value

Section 9 - Physical and Chemical Properties**9.1 Information on Physical and Chemical Properties**

Material Description			
Physical Form	Solid	Appearance/Description	Gray, pasty solid with hydrocarbon-like odor.
Color	Gray	Odor	Hydrocarbon-like
Odor Threshold	Data lacking		
General Properties			
Boiling Point	Data lacking	Melting Point/Freezing Point	Data lacking
Decomposition Temperature	Data lacking	pH	Data lacking
Specific Gravity/Relative Density	1.4 g/cm ³ @ 20°C	Water Solubility	Insoluble
Viscosity	> 20.5 Centistoke (cSt, cS) or mm ² /sec	Explosive Properties	Not explosive.
Oxidizing Properties:	Not an oxidizer.		
Volatility			

Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking	VOC (Vol.)	< 150 g/L
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Flammable Liquid.		
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

- No dangerous reaction known under conditions of normal use.

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

- Heat, flames, sparks.

10.5 Incompatible materials

- Strong oxidizing agents.

10.6 Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

Components		
Limestone (2.5% TO 10%)	1317-65-3	Multi-dose Toxicity: Inhalation-Rat TCLo • 84 mg/m ³ 4 Hour(s) 40 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Liver:Other changes; Kidney, Ureter, and Bladder:Other changes</i> ; Inhalation-Rat TCLo • 250 mg/m ³ 2 Hour(s) 24 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis)</i>
Carbonic acid, magnesium salt (1:1) (2.5% TO 10%)	546-93-0	Acute Toxicity: Ingestion/Oral-Rat LD50 • 8000 mg/kg
Carbonic acid calcium salt (1:1) (25% TO 50%)	471-34-1	Acute Toxicity: Ingestion/Oral-Rat LD50 • 6450 mg/kg; Irritation: Eye-Rabbit • 750 µg 24 Hour(s) • Severe irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Moderate irritation; Multi-dose Toxicity: Ingestion/Oral-Woman TDLo • 4.08 g/kg 30 Day(s)-Intermittent; <i>Vascular:BP elevation not characterized in autonomic section; Gastrointestinal:Changes in structure or function of endocrine pancreas; Biochemical:Metabolism (intermediary):Effect on inflammation or mediation of inflammation</i>
		Multi-dose Toxicity: Inhalation-Hamster TCLo • 30 mg/m ³ 48 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Lungs, Thorax, or Respiration:Tumors</i> ; Inhalation-Rat TCLo • 30 mg/m ³ 72 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Tumors</i> ; Inhalation-Rat TCLo • 30 mg/m ³ 96 Week(s)-

Kaolin (2.5% TO 10%)	1332-58-7	Intermittent; <i>Lungs, Thorax, or Respiration</i> : Fibrosis (interstitial) ; <i>Lungs, Thorax, or Respiration</i> : Other changes ; <i>Lungs, Thorax, or Respiration</i> : Tumors ; Reproductive : Ingestion/Oral-Rat TDLo • 590 g/kg (37D pre/1-22D preg); <i>Reproductive Effects</i> : Effects on Newborn : Growth statistics (e.g., reduced weight gain) ; Ingestion/Oral-Rat TDLo • 370 g/kg (37D pre/1-22D preg); <i>Reproductive Effects</i> : Maternal Effects : Other effects ; <i>Reproductive Effects</i> : Effects on Newborn : Other neonatal measures or effects .
Stoddard solvent (2.5% TO 10%)	8052-41-3	Acute Toxicity : Inhalation-Rat LC50 • >1400 ppm 8 Hour(s); Inhalation-Cat LCLo • 1700 ppm 7 Hour(s); <i>Behavioral</i> : Tremor ; <i>Behavioral</i> : Convulsions or effect on seizure threshold ; Inhalation-Rat LCLo • 8200 mg/m ³ 8 Hour(s); <i>Behavioral</i> : Tremor ; Multi-dose Toxicity : Inhalation-Rat TCLo • 330 ppm 65 Day(s)-Intermittent; <i>Kidney, Ureter, and Bladder</i> : Changes in tubules (including acute renal failure, acute tubular necrosis) ; <i>Blood</i> : Other changes ; Inhalation-Rat TCLo • 480 mg/m ³ 65 Day(s)-Intermittent; <i>Blood</i> : Normocytic anemia ; Inhalation-Rat TCLo • 1100 mg/m ³ 65 Day(s)-Intermittent; <i>Kidney, Ureter, and Bladder</i> : Renal function tests depressed ; <i>Blood</i> : Normocytic anemia
Titanium dioxide (<= 1%)	13463-67-7	Irritation : Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; Multi-dose Toxicity : Inhalation-Rat TCLo • 250 mg/m ³ 6 Hour(s) 4 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration</i> : Chronic pulmonary edema ; <i>Lungs, Thorax, or Respiration</i> : Other changes ; Inhalation-Rat TCLo • 10 mg/m ³ 6 Hour(s) 13 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration</i> : Fibrosis (interstitial) ; <i>Lungs, Thorax, or Respiration</i> : Other changes ; <i>Biochemical:Metabolism (intermediary)</i> : Effect on inflammation or mediation of inflammation ; Tumorigen / Carcinogen : Inhalation-Rat • 10 mg/m ³ 18 Hour(s) 2 Year(s)-Intermittent; <i>Tumorigenic</i> : Carcinogenic by RTECS criteria ; <i>Lungs, Thorax, or Respiration</i> : Tumors
Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic (5% TO 20%)	64742-55-8	Acute Toxicity : Inhalation-Rat LC50 • 3900 mg/m ³ 4 Hour(s); <i>Behavioral</i> : Tremor ; <i>Lungs, Thorax, or Respiration</i> : Dyspnea ; <i>Kidney, Ureter, and Bladder</i> : Urine volume increased

GHS Properties	Classification
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2
Serious eye damage/Irritation	EU/CLP • Eye Irritation 2 OSHA HCS 2012 • Eye Irritation 2
Skin sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-RE	EU/CLP • Specific Target Organ Toxicity Repeated Exposure 1 OSHA HCS 2012 • Data lacking

Potential Health Effects**Inhalation**

- Acute (Immediate)** • No data available
- Chronic (Delayed)** • No data available.

Skin

- Acute (Immediate)** • Causes skin irritation.
- Chronic (Delayed)** • No data available.

Eye

- Acute (Immediate)** • Causes serious eye irritation.
- Chronic (Delayed)** • No data available.

Ingestion

- Acute (Immediate)** • No harmful effects expected in amounts likely to be ingested by accident.
- Chronic (Delayed)** • No data available.

Other

- Chronic (Delayed)** • Prolonged or repeated exposure Stoddard solvent may cause effects on the central nervous system.

Carcinogenic Effects

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

Carcinogenic Effects			
	CAS	IARC	NTP
Carbon Black	1333-86-4	Group 2B-Possible Carcinogen	Not Listed
Quartz	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen
Ethylbenzene	100-41-4	Group 2B-Possible Carcinogen	Not Listed
Titanium dioxide	13463-67-7	Group 2B-Possible Carcinogen	Not Listed

Key to abbreviations

LC = Lethal Concentration
 LD = Lethal Dose
 TC = Toxic Concentration
 TD = Toxic Dose

Section 12 - Ecological Information**12.1 Toxicity**

- Material data lacking.

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.

Packaging waste

- Containers, even those that have been emptied, can contain explosive vapors. 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 73/78 and the IBC Code

- Data lacking.

Section 15 - Regulatory Information

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

SARA Hazard Classifications

- Acute

State Right To Know				
Component	CAS	MA	NJ	PA
Calcium oxide	1305-78-8	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
Carbonic acid calcium salt (1:1)	471-34-1	No	No	No
Carbonic acid, magnesium salt (1:1)	546-93-0	Yes	No	No
Ethylbenzene	100-41-4	Yes	Yes	Yes
Kaolin	1332-58-7	Yes	Yes	Yes
Limestone	1317-65-3	Yes	Yes	Yes
Mineral oil,				

petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Yes	No	No
Quartz	14808-60-7	Yes	Yes	Yes
Quaternary ammonium compounds, bis (hydrogenated tallow alkyl)dimethyl -, salt with bentonite	68953-58-2	No	No	No
Silica gel	112926-00-8	Yes	Yes	Yes
Stoddard solvent	8052-41-3	Yes	Yes	Yes
Titanium dioxide	13463-67-7	Yes	Yes	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	EU EINECS	EU ELNICS	TSCA
Calcium oxide	1305-78-8	Yes	No	Yes	No	Yes
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
Carbonic acid calcium salt (1:1)	471-34-1	Yes	No	Yes	No	Yes
Carbonic acid, magnesium salt (1:1)	546-93-0	Yes	No	Yes	No	Yes
Ethylbenzene	100-41-4	Yes	No	Yes	No	Yes
Kaolin	1332-58-7	Yes	No	Yes	No	Yes
Limestone	1317-65-3	No	Yes	Yes	No	Yes
Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Yes	No	Yes	No	Yes
Quartz	14808-60-7	Yes	No	Yes	No	Yes
Quaternary ammonium compounds, bis (hydrogenated tallow alkyl)dimethyl -, salt with bentonite	68953-58-2	Yes	No	Yes	No	Yes
Silica gel	112926-00-8	Yes	No	No	No	No
Stoddard solvent	8052-41-3	Yes	No	Yes	No	Yes
Titanium dioxide	13463-67-7	Yes	No	Yes	No	Yes

Belgium

Labor

Belgium - Substances and Preparations - Carcinogens and Mutagens

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed

• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Kaolin	1332-58-7	D2A
• Calcium oxide	1305-78-8	E
• Carbon Black	1333-86-4	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Carbon Black, non-respirable on Health Canada's WHMIS Division website.)
• Ethylbenzene	100-41-4	B2, D2A, D2B
• Stoddard solvent	8052-41-3	B3, D2B
• 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
• Carbonic acid, magnesium salt (1:1)	546-93-0	Uncontrolled product according to WHMIS classification criteria
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Uncontrolled product according to WHMIS classification criteria
• Quartz	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.)
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	1 %

• Carbon Black	1333-86-4	1 %
• Ethylbenzene	100-41-4	0.1 %
• Stoddard solvent	8052-41-3	1 %
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	1 %
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Denmark

Environment

Denmark - List of Undesirable Substances - Product Groups/Function

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Solvents (in a wide range of products including paints and coatings, dyes, listed under Certain oils and Coal-derived substances)
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Europe

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	F; R11 Xn; R20-48/20-65
• Stoddard solvent	8052-41-3	Carc.Cat.2; R45 Muta.Cat.2; R46 Xn; R48/20-65
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Carc.Cat.2; R45

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	F Xn R:11-20-48/20-65 S:(2)- 16-24/25-29-62
• Stoddard solvent	8052-41-3	T R:45-46-48/20-65 S:45-53
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	T R:45 S:53-45

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed

• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	P
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	L

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	S:(2)-16-24/25-29-62
• Stoddard solvent	8052-41-3	S:45-53
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	S:53-45

Germany**Labor****Germany - Immission Control - Qualifying Quantities for Major Accident Prevention**

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - Immission Control - Qualifying Quantities for Safety Reporting

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed

• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - TRGS 505 - Specific Lead Regulations

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - TRGS 511 - Specific Ammonium Nitrate Regulations

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Environment

Germany - TA Luft - Types and Classes

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - TA Luft - Emission Limits for Carcinogenic Substances

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - TA Luft - Emission Limits for Fibers

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - TA Luft - Emission Limits for Inorganic Dusts

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - TA Luft - Emission Limits for Inorganic Gases

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed

• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - TA Luft - Emission Limits for Organic Substances

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - Water Classification (VwVwS) - Annex 1

• Kaolin	1332-58-7	765, not considered hazardous to water
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	1742, not considered hazardous to water (if no classification with R45 required)
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	1345, not considered hazardous to water
• Limestone	1317-65-3	317, not considered hazardous to water
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	849, not considered hazardous to water
• Carbonic acid calcium salt (1:1)	471-34-1	317, not considered hazardous to water
• Quartz	14808-60-7	849, not considered hazardous to water
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - Water Classification (VwVwS) - Annex 2 - Water Hazard Classes

• Kaolin	1332-58-7	Not Listed
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• Calcium oxide	1305-78-8	ID Number 322, hazard class 1 - low hazard to waters
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	ID Number 99, hazard class 1 - low hazard to waters
• Stoddard solvent	8052-41-3	ID Number 775, hazard class 2 - hazard to waters
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

Germany - Water Classification (VwVwS) - Annex 3

• Kaolin	1332-58-7	ID Number 5443, not considered hazardous to water (slurry, composition as communicated)
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	ID Number 849, not considered hazardous to water
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	ID Number 849, not considered hazardous to water
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

United States

Labor

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	(listed under Ethyl benzene)
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	1000 lb final RQ; 454 kg final RQ
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed

• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	0.1 % de minimis concentration
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed

• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	carcinogen, 2/21/2003 (airborne, unbound particles of respirable size)
• Ethylbenzene	100-41-4	carcinogen, 6/11/2004
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	carcinogen, 9/2/2011 (airborne, unbound particles of respirable size)
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	carcinogen, 10/1/1988 (airborne particles of respirable size)
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed

• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	54 µg/day NSRL (inhalation); 41 µg/day NSRL (oral)
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed

• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed
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U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

United States - Pennsylvania**Labor****U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	Not Listed
• Ethylbenzene	100-41-4	
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	Not Listed

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

• Kaolin	1332-58-7	Not Listed
• Calcium oxide	1305-78-8	Not Listed
• Carbon Black	1333-86-4	
• Ethylbenzene	100-41-4	Not Listed
• Stoddard solvent	8052-41-3	Not Listed
• Titanium dioxide	13463-67-7	Not Listed
• Limestone	1317-65-3	Not Listed
• Carbonic acid, magnesium salt (1:1)	546-93-0	Not Listed
• Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl-, salt with bentonite	68953-58-2	Not Listed
• Silica gel	112926-00-8	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, hydrotreated (mild) light paraffinic	64742-55-8	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)

- H304 - May be fatal if swallowed and enters airways
- H314 - Causes severe skin burns and eye damage.
- H318 - Causes serious eye damage
- H340 - May cause genetic defects.
- H341 - Suspected of causing genetic defects.
- H350 - May cause cancer.
- H351 - Suspected of causing cancer.
- H373 - May cause damage to organs through prolonged or repeated exposure.
- EUH071 - Corrosive to the respiratory tract.

Revision Date

- 17/May/2016

Preparation Date

- 30/January/2012

Disclaimer/Statement of Liability

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Key to abbreviations

NDA = No Data Available