Safety Data Sheet

Section 1: Identification

Product identifier

Product Name • **Northgate™; Northgate™ Ridge**

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

Recommended use
- An outer roof covering designed to withstand the elements, provide algae growth resistance, impact resistance, and enhance the appearance of a roof.

Details of the supplier of the safety data sheet

Manufacturer
- CertainTeed Corporation

  750 E. Swedesford Road
  P.O. Box 860 Valley Forge, PA 19482-0105
  United States
  www.certainteed.com
  Building.Solutions@saint-gobain.com

Telephone (Technical) • (610) 341-7000 - 9 AM – 5 PM (Eastern Time – USA)

Emergency telephone number

Manufacturer • 800-527-3887

Manufacturer • (703) 527-3887 - Outside of the U.S. Chemtrec

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012
- Product is considered an article and hazards below are not anticipated under normal conditions of use.
  Carcinogenicity 1A
  Specific Target Organ Toxicity Repeated Exposure 1

Label elements

OSHA HCS 2012

DANGER

Hazard statements •
May cause cancer.
Causes damage to organs through prolonged or repeated exposure.

Precautionary statements

Prevention •
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.
Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.
Wear protective gloves/protective clothing/eye protection/face protection.

Response
- IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.

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

Other hazards

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

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

Composition					
Chemical Name	**Identifiers**	**%**	**LD50/LC50**	**Classifications According to Regulation/Directive**	**Comments**
Limestone	**CAS:**1317-65-3	30% TO 50%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Mineral Granules	NDA	25% TO 45%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Asphalt	**CAS:**8052-42-4	15% TO 25%	Ingestion/Oral-Rat LD50 • >5000 mg/kg Inhalation-Rat LC50 • >94.4 mg/m³	**OSHA HCS 2012:** Not Classified	NDA
Petroleum asphalt, oxidized	**CAS:**64742-93-4	5% TO 15%	NDA	**OSHA HCS 2012:** Carc. 1B	NDA
Quartz	**CAS:**14808-60-7	5% TO 10%	NDA	**OSHA HCS 2012:** Carc. 1A; STOT RE 1 (Lungs, Inhl)	NDA
Talc	**CAS:**14807-96-6	< 5%	NDA	**OSHA HCS 2012:** STOT RE 1 (Lungs, Inhl)	NDA
SBS Polymer	NDA	< 5%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Glass, oxide, chemicals	**CAS:**65997-17-3	1.5% TO 3%	NDA	**OSHA HCS 2012:** Not Classified	NDA
Copper(I) oxide	**CAS:**1317-39-1	0.05% TO 0.1%	NDA	**OSHA HCS 2012:** Acute Tox. 4 (orl); HNOC - Health Hazard - Metal Fume Fever	NDA

Section 4: First-Aid Measures

Description of first aid measures

Inhalation
- Remove to fresh air, apply artificial respiration and/or oxygen if necessary and get medical attention.

Skin
- Remove contaminated clothing and wash exposed skin with soap and water. If irritation develops or persists, seek medical attention.

Eye
- If foreign matter enter eyes, immediately flush with large amounts of water for at least 15 minutes or until irritation subsides. Do not rub or scratch your eyes, dust particles may cause the eye to be scratched. If irritation persists, contact a physician.

Ingestion
- Consult a physician if unusual reaction is noted. Product is not intended nor is it likely to be ingested or eaten.

Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

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: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- Water spray, carbon dioxide, foam or dry chemical.

Unsuitable Extinguishing Media
- No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards
- No data available

Hazardous Combustion Products
- Decomposition products from this material are those that would be expected from any organic material. These may include carbon dioxide, carbon monoxide and formaldehyde.

Advice for firefighters

- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Do not breathe dust. Wear a dust mask if generated above exposure limits. Wear appropriate protective equipment and clothing during clean-up.

Emergency Procedures
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as recommended.

Environmental precautions

- Avoid release to the environment.

Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Pick up large pieces. Vacuum dust. If sweeping is necessary, use a dust suppressant such as water. These procedures will help to minimize potential exposures. Scoop up material and put into a suitable container for disposal as a non-hazardous waste.

Section 7 - Handling and Storage

Precautions for safe handling

Handling
- Avoid breathing dust generated when sawing, routing, drilling, and sanding this product. If sawing or shaping boards indoors, ensure adequate ventilation to prevent excessive dust exposure. Wear personal protective equipment. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage

- Keep away from heat and ignition sources. Material should be kept dry, and protected from the elements.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
	Result	**ACGIH**	**NIOSH**	**OSHA**
Glass, oxide, chemicals	TWAs	1 fiber/cm3 TWA (respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, listed under Synthetic vitreous fibers) *as Glass wool fiber*	3 fiber/cm3 TWA (fibers <= 3.5 µm in diameter and >= 10 µm in length); 5 mg/m3 TWA (total) *as Glass wool fiber*	Not established
Talc (14807-96-6)	TWAs	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m3 TWA (containing no Asbestos and <1% Quartz, respirable dust)	Not established
Quartz (14808-60-7)	TWAs	0.025 mg/m3 TWA (respirable fraction)	0.05 mg/m3 TWA (respirable dust)	Not established
Asphalt (8052-42-4)	TWAs	0.5 mg/m3 TWA (fume, inhalable fraction, as benzene soluble aerosol)	Not established	Not established
	Ceilings	Not established	5 mg/m3 Ceiling (fume, 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)

Exposure Control Notations

ACGIH

•Asphalt (8052-42-4): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (fume, coal tar-free))

•Quartz (14808-60-7): **Carcinogens:** (A2 - Suspected Human Carcinogen)

•Talc (14807-96-6): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers))

•Glass, oxide, chemicals as Glass wool fiber: **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Synthetic vitreous fibers))

Exposure Limits Supplemental

OSHA

•Quartz (14808-60-7): **Mineral Dusts:** ((30)/(%SiO2 + 2) mg/m3 TWA, total dust; (250)/(%SiO2 + 5) mppcf TWA, respirable fraction; (10)/(%SiO2 + 2) mg/m3 TWA, respirable fraction)

•Talc (14807-96-6): **Mineral Dusts:** (20 mppcf TWA (if 1% Quartz or more, use Quartz limit))

ACGIH

•Asphalt (8052-42-4): **BEIs:** (Medium: urine Time: end of shift at end of workweek Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)) | **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation (fume))

•Quartz (14808-60-7): **TLV Basis - Critical Effects:** (lung cancer; pulmonary fibrosis)

•Talc (14807-96-6): **TLV Basis - Critical Effects:** (pulmonary fibrosis (containing no asbestos fibers); pulmonary function (containing no asbestos fibers))

Exposure controls

Engineering Measures/Controls

- Keep exposures to dust generated from cutting, drilling, routing, sawing or crushing, as low as possible. Whenever possible, perform machining of boards in a well ventilated area (outside) and use local exhaust ventilation to keep exposures below the recommended exposure limits.

Personal Protective Equipment

Respiratory	• Manufacturer recommends use of NIOSH N-95 respirators when cutting, drilling, sanding, etc.
Eye/Face	• Safety glasses with side shields should be worn at a minimum.
Hands	• Wear leather or cotton gloves when handling large pieces and during operations such as sawing, routing or drilling.
Skin/Body	• Wear leather or other appropriate work gloves, as necessary. Normal work clothing (long sleeved shirts and long pants) is recommended.
Environmental Exposure Controls	• Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

BEI = Biological Exposure Indices

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)

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

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Solid-form, asphalt-based roofing shingle available in multiple colors.
Color	No data available	Odor	No data available
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	No data available	Water Solubility	No data available
Viscosity	No data available		
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

Section 10: Stability and Reactivity

Reactivity

- No dangerous reaction known under conditions of normal use.

Chemical stability

- Stable under normal conditions.

Possibility of hazardous reactions

- Hazardous polymerization will not occur.

Conditions to avoid

- Avoid dispersion of dust in air. Keep away from heat and open flame.

Incompatible materials

- No data available

Hazardous decomposition products

- Decomposition products from this material are those that would be expected from any organic material. These may include carbon dioxide, carbon monoxide, and formaldehyde.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Limestone (30% TO 50%)	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)**
Asphalt (15% TO 25%)	8052-42-4	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • >5000 mg/kg; *Gastrointestinal*:**Hypermotility, diarrhea**; Inhalation-Rat LC50 • >94.4 mg/m³; **Multi-dose Toxicity:** Inhalation-Mouse TCLo • 35 mg/m³ 10 Day(s)-Intermittent; *Immunological Including Allergic*:**Decrease in humoral immune response**; **Mutagen:** Micronucleus test • Unreported Route-Rat • Other Cell Type • 57.8 µg/L; **Tumorigen / Carcinogen:** Skin-Mouse TDLo • 905 g/kg 2 Year(s)-Intermittent; *Tumorigenic*:**Neoplastic by RTECS criteria**; *Lungs, Thorax, or Respiration*:**Tumors**; *Skin and Appendages:Other*:**Tumors**
Quartz (5% TO 10%)	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 • 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**; 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**; **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**
Talc (< 5%)	14807-96-6	**Irritation:** Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation; **Tumorigen / Carcinogen:** Inhalation-Rat TCLo • 18 mg/m³ 6 Hour(s) 2 Year(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Lungs, Thorax, or Respiration*:**Bronchiogenic carcinoma**; *Endocrine*:**Tumors**
Glass, oxide, chemicals (1.5% TO 3%)	65997-17-3	**Tumorigen / Carcinogen:** Inhalation-Rat TCLo • 5 mg/m³ 7 Hour(s) 90 Week(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Blood*:**Leukemia**
Copper(I) oxide (0.05% TO 0.1%)	1317-39-1	**Acute Toxicity:** Ingestion/Oral-Rat LD50 • 470 mg/kg

GHS Properties	Classification
Acute toxicity	**OSHA HCS 2012** • No data available
Aspiration Hazard	**OSHA HCS 2012** • No data available
Carcinogenicity	**OSHA HCS 2012** • Carcinogenicity 1A
Germ Cell Mutagenicity	**OSHA HCS 2012** • No data available
Skin corrosion/Irritation	**OSHA HCS 2012** • No data available
Skin sensitization	**OSHA HCS 2012** • No data available
STOT-RE	**OSHA HCS 2012** • Specific Target Organ Toxicity Repeated Exposure 1
STOT-SE	**OSHA HCS 2012** • No data available
Toxicity for Reproduction	**OSHA HCS 2012** • No data available
Respiratory sensitization	**OSHA HCS 2012** • No data available
Serious eye damage/Irritation	**OSHA HCS 2012** • No data available

Potential Health Effects

Inhalation

Acute (Immediate)
- Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible.

Chronic (Delayed)
- Registry of Toxic Effects of Chemical Substances (RTECS) concludes that repeated or prolonged inhalation of glass, oxide, chemicals may cause leukemia. Silicosis (pulmonary fibrosis or severe lung scarring) may occur if exposed to high levels or repeated encounters with dust. This product contains crystalline silica (quartz) which is listed by IARC as carcinogen and a known human carcinogen by NTP. Exposure to airborne particles that exceed the limits listed may cause lung cancer.

Skin

Acute (Immediate)
- Exposure to dust may cause mechanical irritation.

Chronic (Delayed)
- No data available.

Eye

Acute (Immediate)
- Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.

Chronic (Delayed)
- No data available.

Ingestion

Acute (Immediate)
- Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.

Chronic (Delayed)
- No data available.

Carcinogenic Effects
- Repeated and prolonged exposure may cause cancer. This product contains petroleum asphalt. Asphalt fumes arise from hot asphalt. Asphalt fumes (CAS # 8052-42-4): In 1985/87, IARC (International Agency for Research on Cancer) concluded the following: (a) Bitumens are not classifiable as to their carcinogenicity to humans (Group 3). (b) Extracts of steam- and air-refined bitumens are possibly carcinogenic to humans (Group 2B). IARC found that evidence for carcinogenicity from animal studies was: inadequate for undiluted air-refined bitumens; limited for steam-refined and cracking residue bitumens; sufficient for extracts of steam-refined and air-refined bitumen. IARC found that human evidence for carcinogenicity of asphalt fumes was inadequate. Studies of roofers indicated an excess of cancers; however, IARC concluded that, since roofers may be exposed also to coal-tar pitches and other materials, "the excess cancer risk cannot be attributed specifically to bitumens." In 1994, a published review of 20 epidemiology studies of asphalt workers and roofers agreed with IARC, that current human evidence is inadequate for the carcinogenicity of asphalt fumes in humans. Trace amounts of polynuclear aromatic hydrocarbons

(PAHs) may be present in some asphalts and can be released upon excessive heating, which results in thermal cracking of the asphalt compounds. Some of these PAHs have been identified as having the potential to induce carcinogenic and reproductive health effects.

Carcinogenic Effects			
	CAS	IARC	NTP
Glass, oxide, chemicals as Glass wool fiber	NDA	Not Listed	Reasonably Anticipated to be Human Carcinogen
Asphalt	8052-42-4	Group 2B-Possible Carcinogen	Not Listed
Petroleum asphalt, oxidized	64742-93-4	Group 2A-Probable Carcinogen	Not Listed
Quartz	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen

Section 12 - Ecological Information

Toxicity

- No information available for the product.

Persistence and degradability

- No information available for the product.

Bioaccumulative potential

- No information available for the product.

Mobility in Soil

- No information available for the product.

Other adverse effects

- Based on information related to the final product, it is not expected to harm ecosystems through its applied use.

Section 13 - Disposal Considerations

Waste treatment methods

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

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

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA

Special precautions for user
- None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
- No data available

Section 15 - Regulatory Information

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

SARA Hazard Classifications • Chronic

State Right To Know		
Component	**CAS**	**PA**
Asphalt	8052-42-4	Yes
Copper(I) oxide	1317-39-1	No
Glass, oxide, chemicals	65997-17-3	No
Limestone	1317-65-3	Yes
Petroleum asphalt, oxidized	64742-93-4	No
Quartz	14808-60-7	Yes
Talc	14807-96-6	Yes

Inventory		
Component	**CAS**	**TSCA**
Asphalt	8052-42-4	Yes
Copper(I) oxide	1317-39-1	Yes
Glass, oxide, chemicals	65997-17-3	Yes
Limestone	1317-65-3	Yes
Petroleum asphalt, oxidized	64742-93-4	Yes
Quartz	14808-60-7	Yes
Talc	14807-96-6	Yes

United States

Labor

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

Environment

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	carcinogen, initial date 10/1/88 (airborne particles of respirable size)

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed

• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

United States - Pennsylvania

Labor

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

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

• Copper(I) oxide	1317-39-1	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Talc	14807-96-6	Not Listed
• Asphalt	8052-42-4	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Quartz	14808-60-7	Not Listed

Other Information

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

Section 16 - Other Information

Last Revision Date
- No data available

Preparation Date
- No data available

Disclaimer/Statement of Liability
- Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Safety Data Sheet before handling product.

Key to abbreviations

NDA = No Data Available