

Material Safety Data Sheet

CertainTeed

MSDS Number: CT 10055-2
DATE PREPARED: July 27, 2007

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Trade Name:

Shingle Products

Hallmark	Landmark
Jet 25	Landmark Plus
New Horizon	Landmark Premium
CertainTeed XT 25	Landmark TL Ultimate
Classic Horizon	Presidential TL Ultimate
CT 20	CertainTeed XT 30
Independence	Presidential

Hip and Ridge Starter Shingles

Hallmark Accessory	Presidential Accessory
High Performance Starter	Presidential Starter
Mountain Ridge	Shadow Ridge
Universal Starter	

Chemical Name: Not Applicable

CAS #: Not Applicable

Common Name: Asphalt Roofing Shingles (fiber glass base), not specified as resistant to algae or fungus.

Product Use: An outer roof covering designed to withstand the elements and enhance the appearance of a roof.

MANUFACTURER INFORMATION:

CertainTeed Corporation
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Valley Forge, PA 19482-0101

TELEPHONE AND E-MAIL:

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(Eastern Time – USA)
CertainTeed-EHS@saint-gobain.com

EMERGENCY TELEPHONE: CHEMTREC (800) 424-9300
OUTSIDE OF THE U.S. CHEMTREC (703) 527-3887

2. HAZARD IDENTIFICATION

Emergency Overview:

Under normal conditions of use, this product is not expected to create any unusual emergency hazards. This is a non-combustible, non-reactive solid material. Use methods suitable to fight surrounding fire. Contact with the eye may result in mechanical irritation characterized by itching or redness.

Summary:

Hazardous exposures are unlikely to occur with the use of these products. The products contain a small percentage of glass fibers which may be released during normal use. Glass fibers may cause slight temporary irritation to skin, eyes, nose, or throat.

Routes of Exposure: Inhalation, skin, and eye contact.

Potential Health Effects: Eyes

Contact with the eye may result in mechanical irritation characterized by itching or redness.

Potential Health Effects: Skin

Dusts may cause mechanical irritation. Mechanical rubbing may increase skin irritation.

Potential Health Effects: Ingestion

Not a likely route of entry.

Potential Health Effects: Inhalation

Inhalation of dusts produced during cutting, grinding or sanding of this product may cause irritation of the respiratory tract.

Medical Conditions Aggravated by Exposure

None expected.

HMIS Ratings: Health: 1 Fire: 1 Physical Hazard: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe * = Chronic hazard

3. COMPOSITION / INFORMATION ON INGREDIENTS

CAS #	Component	Percent
Not Available	Mineral Granules (Granules may consist of: feldspar, crystalline silica in the form of quartz, pyroxene, sodium silicate, kaolin, iron oxide, chromium oxide (trivalent chromium), hydrotreated heavy naphthenic petroleum distillate, titanium dioxide, zinc ferrite, carbon black, aluminum oxide, amorphous silica, calcium oxide, magnesium oxide and nickel)	30 - 45
1317-65-3	Limestone	15 - 45
8052-42-4	Petroleum Asphalt (Asphalt fumes are not released unless this product is heated to above 250°F)	15 - 34
14808-60-7	Crystalline Silica (Quartz)	1.5 - 10
14807-96-6	Talc (containing no asbestos)	< 10
65997-17-3	Continuous filament fiber glass (encapsulated)	1.5 - 3

Component Information/Information on Non-Hazardous Components

The products listed above are articles as defined by the OSHA Hazard Communication Standard at 29 CFR 1910.1200. The product's end-use is dependent upon its manufactured shape and design, and under normal conditions of use, it does not release chemicals that present a physical or health hazard. These products do not contain any form of asbestos material.

This material is not a controlled product under Canadian WHMIS regulations.

4. FIRST AID MEASURES

First Aid: Eyes

Do not rub or scratch your eyes. Dust particles may cause the eye to be scratched. Flush eyes with large amounts of water for 5-15 minutes. If irritation persists, contact a physician.

First Aid: Skin

Wash exposed skin with soap and water. If irritation develops or persists, seek medical attention.

First Aid: Ingestion

Product is not intended to be ingested or eaten. If the product is ingested, do not induce vomiting. Seek medical attention.

First Aid: Inhalation

Move person to non-contaminated air. Call a physician if symptoms develop or persist.

5. FIRE FIGHTING MEASURES**General Fire Hazards**

See Section 9 for Flammability Properties.

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.

Extinguishing Media

Water spray, dry chemical foam, carbon dioxide.

Fire Fighting Equipment/Instructions

Standard firefighting protective equipment is recommended, including full-face, self-contained breathing apparatus.

NFPA Ratings: Health: 1 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

6. ACCIDENTAL RELEASE MEASURES**Containment Procedures**

Pick up large pieces. Vacuum dusts. If sweeping is necessary, consider the use of a dust suppressant, such as water, to minimize potential exposures

Clean-Up Procedures

Avoid the generation of dusts during clean-up. Pick up or scoop up material and put into a suitable container for disposal as a non-hazardous waste. This product should not be burned as construction waste.

Evacuation Procedures

None necessary.

Special Procedures

Wear appropriate protective equipment and clothing as necessary during clean-up.

7. HANDLING AND STORAGE**Handling Procedures**

Customary personal hygiene measures, such as washing hands after working with these products, are recommended.

Storage Procedures

Warehouse storage should be in accordance with package directions. Material should be kept dry, and protected from the elements.

8. EXPOSURE CONTROL / PERSONAL PROTECTION**A: Component Exposure Limits****Mineral Granules (NA)**

ACGIH: Not applicable

OSHA: Not applicable

NIOSH: Not applicable

Limestone (1317-65-3)

ACGIH: Not Applicable

OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction)

NIOSH: 10 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable dust)

Petroleum Asphalt (8052-42-4)

ACGIH: 0.5 mg/m³ TWA (inhalable fraction, as benzene-soluble aerosol)

NIOSH: 5 mg/m³ Ceiling (15 minutes; fumes)

Crystalline Silica (Quartz) (14808-60-7)

ACGIH: 0.025 mg/m³ TWA (respirable fraction)

OSHA: 30 mg/m³ / (% SiO₂ + 2) TWA (total dust);

10 mg/m³ / (% SiO₂ + 2) TWA (respirable dust)

NIOSH: 0.05 mg/m³ TWA (respirable dust)

Talc (containing no asbestos) (14807-96-6)

ACGIH: 2 mg/m³ TWA (respirable fraction)

OSHA: 20 mppcf (containing < 1% Quartz)

NIOSH: 2 mg/m³ TWA (respirable dust)

Continuous Filament Glass Fiber (encapsulated) (65997-17-3)

ACGIH: 1 f/cc TWA (respirable fraction)

5 mg/m³ TWA (inhalable fraction)

OSHA: 1 f/cc TWA (respirable fraction) (OSHA/NAIMA HSPP REL)

NIOSH: 5 mg/m³ TWA (total fibers)

Engineering Controls

No special protective measures are necessary for use of this product. Under normal conditions of use, this product is not expected to release, or otherwise result in exposure to a hazardous chemical.

PERSONAL PROTECTIVE EQUIPMENT**Personal Protective Equipment: General**

No special protective measures are necessary for use of this product. Under normal conditions of use, this product is not expected to release, or otherwise result in exposure to a hazardous chemical. Use good personal hygiene practices in handling this material.

Personal Protective Equipment: Eyes/Face

Safety glasses with side shields may be worn to reduce the risk of eye irritation and injury.

Personal Protective Equipment: Skin

Wear leather or other appropriate work gloves, as necessary, for type of operation to prevent skin contact or irritation.

Personal Protective Equipment: Respiratory

No special ventilation systems are required under normal conditions of use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Dark, flexible shingle with granular surface	Odor: None
Physical State: Solid	pH: Not Applicable
Vapor Pressure: Not Applicable	Vapor Density: Not Applicable
Boiling Point: Not Applicable	Melting Point: Not Applicable
Solubility (H₂O): Not Applicable	Specific Gravity: Not Applicable
Flash Point: Not Applicable	Flash Point Method: Not Applicable
Lower Flammability Limit: Not Applicable	Upper Flammability Limit: Not Applicable
Auto Ignition Temp.: Not Available	Burning Rate: Not Available

10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical Stability

Stable under normal conditions.

Chemical Stability: Conditions to Avoid

Avoid dispersion of dust in air. Keep away from heat, sparks, or open flame.

Incompatibility

None identified.

Hazardous Decomposition

None identified.

Possibility of Hazardous Reactions

None expected.

11. TOXICOLOGICAL INFORMATION

Acute Dose Effects

A: General Product Information

No information available for the product.

Repeated Dose Effects

No chronic health effects are expected from the normal use of this product.

Carcinogenicity

A: General Product Information

No information available for the product.

B: Component Carcinogenicity**Petroleum Asphalt (8052-42-4)**

ACGIH: A4 - Not Classifiable as a Human Carcinogen (as benzene soluble aerosol)
NIOSH: Potential Occupational Carcinogen (fume)
IARC: Group 2B (Possibly Carcinogenic to Humans) (Supplement 7, 1987; Monograph 35, 1985)
(extracts of steam and air refined bitumens)

Talc (containing no asbestos) (14807-96-6)

ACGIH: A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers)
IARC: Group 3 (Not Classifiable as to Carcinogenicity in Humans) (Supplement 7, 1987; Monograph 42, 1987)

Crystalline Silica (Quartz) (14808-60-7)

ACGIH: A2 - Suspected Human Carcinogen
NIOSH: Potential Occupational Carcinogen
IARC: Group 1 (Carcinogenic to Humans) (Monograph 68, 1997)

Fiber Glass Mat (Continuous Filament Fiber Glass) (encapsulated) (65997-17-3)

ACGIH: A4 - Not Classifiable As A Human Carcinogen
IARC: Group 3 (Not Classifiable as to Carcinogenicity in Humans) (Monograph 81, 2002)

Mutagenicity

No information available for the product.

Teratogenicity

No information available for the product.

Developmental Effects

No information available for the product.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

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

13. WASTE DISPOSAL CONSIDERATIONS**US EPA Waste Number & Descriptions****A: General Product Information**

This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local Public Health Department, or the local office of the EPA.

B: Component Waste Numbers

Not Applicable

Disposal Instructions

Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations. See Section 7 for Handling Procedures; see Section 8 for Personal Protective Equipment recommendations.

14. TRANSPORTATION INFORMATION

International Transportation Regulations

This product is not regulated as a hazardous material by the United States (DOT) or Canadian (TDG) transportation regulations.

15. US FEDERAL REGULATIONS

A: General Product Information

All components are on the U.S. EPA TSCA Inventory List.

B: CERCLA

Releases of this material to air or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA: 40 CFR 302.4) or to State and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA), Title III, Section 304.

Acute Health: No Chronic Health: No Fire: No Pressure: No Reactive: No

State Regulations

A: General Product Information

Other state regulations may apply. Check individual state requirements.

B: Component Analysis - State

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA	RI
Limestone	1317-65-3	No	Yes	Yes	No	Yes	Yes
Petroleum Asphalt	8052-42-4	Yes	Yes	Yes	Yes	Yes	Yes
Talc	14807-96-6	Yes	Yes	Yes	Yes	Yes	Yes
Crystalline Silica (Quartz)	14808-60-7	Yes	Yes	Yes	Yes	Yes	Yes
Continuous Filament Fiber Glass (encapsulated)	65997-17-3	Yes	No	Yes	Yes	No	Yes

C: California Safe Drinking Water and Toxics Enforcement Act (Proposition 65)

The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):

WARNING! This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

Canadian WHMIS Information

A: General Product Information

This product is not a controlled product according to the Canadian Hazardous Products Act.

B: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

WHMIS Classification: None.

Additional Regulatory Information

A: General Product Information

No additional information available.

B: Component Analysis - Inventory

Component	CAS #	TSCA	DSL	EINECS
Limestone	1317-65-3	Yes	No	Yes
Petroleum Asphalt	8052-42-4	Yes	Yes	Yes
Talc	14807-96-6	Yes	Yes	Yes
Crystalline Silica (Quartz)	14808-60-7	Yes	Yes	Yes
Continuous filament fiber glass (encapsulated)	65997-17-3	Yes	Yes	Yes

16. ADDITIONAL COMMENTS

Other Information

Disclaimer: 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 Material Safety Data Sheet before handling product.

Acronyms/definitions used in this MSDS:

- ACGIH American Conference of Governmental Industrial Hygienists;
- CAS No: Chemical Abstracts Services Number;
- CERCLA Comprehensive Environmental Response, Compensation and Liability Act;
- CFR Code of Federal Regulations;
- EPA Environmental Protection Agency;
- f/cc Fibers per cubic centimeter;
- g/cm³ Grams per cubic centimeter;
- HMIS Hazardous Material Identification System;
- HSPP Health and Safety Partnership Program
- IARC International Agency for Research on Cancer;
- LC50 Lethal concentration that produces death in 50% of the test population;
- LD50 Lethal dose required to produce death in 50% of the test population;
- LFL Lower Flammable Limit;
- mg/m³ Milligrams per cubic meter;
- mppcf Million particles per cubic foot;
- NAIMA North American Insulation Manufacturers Association;
- NFPA National Fire Protection Association;
- NIOSH National Institute for Occupational Safety and Health;
- NTP National Toxicology Program;
- OSHA Occupational Safety and Health Administration;
- ppm Parts per million;
- PEL Permissible Exposure Limit;
- PNOC Particulates Not Otherwise Classified;
- REL Recommended Exposure Limit;

Acronyms/definitions used in this MSDS (continued):

SARA	Superfund Amendments and Reauthorization Act;
RCRA	Resource Conservation and Recovery Act;
Title III	Emergency Planning and Community Right to Know Act;
	Section 302- Extremely Hazardous Substances;
	Section 313- Toxic Chemicals;
TLV	Threshold Limit Value;
TWA	Time Weighted Average;
UFL	Upper Flammable Limit.

MSDS History

MSDS Revision Summary:

<u>Date</u>	<u>MSDS No.</u>	<u>Comments</u>
06/20/2002	CT 10055-1	New MSDS
07/27/2007	CT 10055-2	Complete Revision of MSDS

This is the end of MSDS # CT 10055-2