

Material Safety Data Sheet

CertainTeed 

MSDS Number: CT 10104-1
DATE PREPARED: October 12, 2007



HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product/Trade Name:
Symphony™

Chemical Name: Mixture
CAS #: Not Applicable
Common Name: None

Product Use: Synthetic composite roofing shingle designed to provide weather resistance and enhance the appearance of a roof.

MANUFACTURER INFORMATION:
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2. HAZARD IDENTIFICATION

Emergency Overview

Under normal conditions of use, this product is not expected to create any unusual emergency hazards. Due to product form, exposures to dusts and fumes are not expected to occur. If this product is cut with power cutting equipment (such as saws), dust generated may result in mechanical irritation characterized by itching or redness. Use methods suitable to fight surrounding fire.

Potential Health Effects: Eyes: Particulates from this product may cause mechanical irritation of the eye from cutting, grinding or drilling of the product. Continued mechanical irritation of the eye could result in permanent corneal damage.

Potential Health Effects: Skin. This product may produce skin abrasions. 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.

HMIS Ratings: Health: 0 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*
25087-34-7	Polypropylene	30 - 80
1317-65-3	Calcium Carbonate	20 - 70
Proprietary	Antioxidant Additives	< 2
Proprietary	Color Pigments	< 1.5

Component Information

The products listed above are articles as so defined by the OSHA Hazard Communication Standard (29 CFR 1910.1200). Their end uses are dependant upon their manufactured shape and design, and they will not release, or otherwise result in exposure to a hazardous chemical under normal conditions of use. This material is not a controlled product under Canadian WHMIS regulations.

The information in this MSDS is provided for situations where this article may be deformed creating dusts or fumes which may be potentially hazardous.

This product may be regulated, have exposure limits or other information identified as the following: Chromium compounds, cobalt, inorganic compounds.

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 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.

5. FIRE FIGHTING MEASURES

General Fire Hazards: None Expected. See Section 9 for Flammability Properties.

Hazardous Combustion Products. The decomposition products from this material are those that would be expected from any organic (carbon-containing) material, and are mainly derived from pyrolysis, or burning, of the polymer.

Extinguishing Media. Use any media suitable for the surrounding fires. Water, spray, fog, carbon dioxide (CO2), dry chemical, foam.

Fire Fighting Equipment/Instructions. Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing. Firefighters should avoid inhaling any combustion products. Do not release chemically contaminated water into drains, soil or surface water.

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

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

6. ACCIDENTAL RELEASE MEASURES

Containment Procedures: None necessary.

Clean-Up Procedures: Sweep up or gather material and place in appropriate container for disposal.

Evacuation Procedures: None necessary.

Special Procedures: Wear safety glasses with side-shields or safety goggles and gloves.

7. HANDLING AND STORAGE

Handling Procedures: Customary personal hygiene measures, such as washing hands after working with these products are recommended. If dusts or fumes of this product are generated, avoid inhalation, skin and eye contact.

Storage Procedures: Room temperature - normal conditions. 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

Particulates Not Otherwise Classified (PNOC)

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

ENGINEERING CONTROLS

Engineering Controls: No special protective measures are necessary for use of this product in that it is an article, and under normal conditions of use is not expected to release, or otherwise result in exposure to a hazardous chemical.

PERSONAL PROTECTIVE EQUIPMENT

Personal Protective Equipment: Eyes/Face. Safety glasses with sideshields are recommended to keep dust and fibers out of the eyes.

Personal Protective Equipment: Skin. Wear leather or other appropriate work gloves, if necessary for type of operation.

Personal Protective Equipment: Respiratory. No special ventilation systems are required under normal conditions of use. If dust or fumes are generated, wear appropriate respiratory protection.

Personal Protective Equipment: General. No special protective measures are necessary for use of this product in that it is an article, and under normal conditions of use is not expected to release, or otherwise result in exposure to a hazardous chemical. Use good industrial hygiene practices in handling this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Gray – black toned solid material	Odor:	None
Physical State:	Solid (Article)	pH:	Not Applicable
Vapor Pressure:	Not Applicable	Vapor Density:	Not Applicable
Boiling Point:	Not Applicable	Melting Point:	329° F (165° C)
Solubility (H2O):	Not Applicable	Specific Gravity:	1.038 – 1.706
Flash Point:	Not Applicable	Flash Point Method:	Not Applicable
Lower Flammability Limit:	Not Applicable	Upper Flammability Limit:	Not Applicable
Auto Ignition Temp.:	>675° F (>357° C)	Burning Rate:	Not Available

10. CHEMICAL STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable under normal conditions.

Incompatibility. None identified.

Hazardous Decomposition. The decomposition products from this material are those that would be expected from any organic (carbon-containing) material, and are mainly derived from pyrolysis, or burning, of the polymer.

Possibility of Hazardous Reactions. None expected.

11. TOXICOLOGICAL INFORMATION

Acute Dose Effects

General Product Information: Due to product form, exposures to dusts and fumes are not expected to occur. If dust or fumes are generated, avoid inhalation and contact with skin and eyes. This product contains a component which may cause sensitization by skin contact with generated dust.

Repeated Dose Effects: No chronic health effects are expected from the normal use of this product.

Carcinogenicity

General Product Information: Due to product form, exposures to dusts and fumes are not expected to occur. If dust or fumes are generated, avoid inhalation and contact with skin and eyes. This product contains components which are classified by IARC as 2B (possibly carcinogenic to humans).

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

General Product Information: This product has not been tested.

Component Analysis - Aquatic Toxicity. No ecotoxicity data is available for this product's components.

Environmental Fate. No information available for the product.

13. WASTE DISPOSAL CONSIDERATIONS

US EPA Waste Number & Descriptions

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.

Component Waste Numbers. No EPA Listed Waste Numbers are being shown for this product's components.

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

US DOT Information

Shipping Name: This product is not classified as a Hazardous Material.

TDG Information

Shipping Name: This product is not classified as a Dangerous Good.

15. REGULATORY INFORMATION

US Federal Regulations

General Product Information. Components of this product have been checked against the non-confidential TSCA inventory by CAS Registry Number. Components not identified on this non-confidential inventory are exempt from listing (i.e. as polymers) or are listed on the confidential inventory as declared by the supplier.

CERCLA. None of the components of this product are listed under CERCLA (40 CFR 302.4) and present in the material at an amount exceeding the Reportable Quantity (RQ).

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

State Regulations

General Product Information. Other state regulations may apply. Check individual state requirements.

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
Calcium Carbonate	1317-65-3	No	Yes	Yes	No	Yes	Yes
Color Pigments	Proprietary	Yes ¹	No	No	Yes ¹	Yes ¹	No
Color Pigments (¹ related to chromium compounds, Cobalt, inorganic compounds)	Proprietary	Yes ¹	No	Yes ²	Yes ³	Yes ³	No
Color Pigments (¹ related to Cobalt compounds)	Proprietary	No	No	No	Yes ¹	Yes ¹	No

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.

Canadian WHMIS Information

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

Component Analysis - WHMIS IDL. No components are listed in the WHMIS IDL.

WHMIS Classification: None.

Additional Regulatory Information

Component Analysis – Inventory. Components of this product are included in the TSCA inventory.

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:

CAS #	Chemical Abstracts Services Number;
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act;
EPA	Environmental Protection Agency;
HMIS	Hazardous Material Identification System;
IARC	International Agency for Research on Cancer;
mg/m ³	Milligrams per cubic meter;
NFPA	National Fire Protection Association;
OSHA	Occupational Safety and Health Administration;
PEL	Permissible Exposure Limit;
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;
TWA	Time Weighted Average;

MSDS History

MSDS Revision Summary:

<u>Date</u>	<u>MSDS No.</u>	<u>Comments</u>
10/12/2007	CT 10104-1	New MSDS

This is the end of MSDS # CT 10104-1