

Safety Data Sheet Foundry Products

SDS Revision Date:

3-22-17



1. Identification

1.1. Product identifier

Product Identity Foundry siding products
Alternate Names Foundry siding, shake, shingle, shape, stone

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

Intended use See Technical Data Sheet.
Application Method See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name Foundry Specialty siding
200 Shotwell Drive
Franklin, Ohio 45005. USA

Emergency

Customer Service: The Tapco Group 1-800-771-4486

2. Hazard(s) identification

This product is manufactured as a solid pre-formed rigid profile. It is classified as an "Article" and is exempt from safety data sheet (SDS) requirements of OSHA 29 CFR 1910.1200 Hazard communication standard. This product as manufactured does not exhibit acute or chronic health hazards and does not emit hazardous airborne contaminants under ambient conditions. However, airborne dust can be generated during cutting, grinding, drilling, shaping, sanding, or other physical/mechanical processing. Corrosive, toxic, decomposition products (hydrogen chloride) can be generated at high (fire/combustion) temperatures. This SDS is provided as a proactive measure to address these issues.

2.1. Classification of the substance or mixture

In accordance with 29 CFR 1910 (OSHA HCS):
Health, Serious Eye Damage/Eye irritation 2B
Health, Specific target organ toxicity- single exposure 3
Health, Skin corrosion/irritation

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2.2. Label elements

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

[Prevention]:

No GHS prevention statements

[Response]:

No GHS response statements

[Storage]:

No GHS storage statements

[Disposal]:

No GHS disposal statements

3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

Ingredient/Chemical Designations	Weight %	GHS Classification	Notes
Ethene, Chloro-, homopolymer CAS Number: 0009002-86-2	50 - 75	Not Classified	
Functional Additives CAS Number: 0	5-20	Not Classified	
Titanium Dioxide CAS Number: 13463-67-7	5-20	Not Classified	
Tinuvin 328 (Benzotriazole UV absorber) CAS Number: 25973-55-1	1 - 5	Not Classified	

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

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4. First aid measures

4.1. Description of first aid measures

General	In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation	Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth.
Eyes	Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.
Skin	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.
Ingestion	Ingestion of large quantities is unlikely.

4.2. Most important symptoms and effects, both acute and delayed

Overview	Caution: Eye irritation is possible if solid material enters the eye. HCl can be liberated at elevated temperatures. Effects of overexposure: Mechanical irritation of the eyes, skin, and respiratory tract may occur. Medical conditions Aggravated by Exposure: Inhalation of dust may aggravate asthma and other respiratory ailments. Primary Routes of Entry: Skin and inhalation Carcinogenicity: Poly(vinyl chloride) resins contain trace amounts of Vinyl Chloride Monomer (VCM) which is a cancer suspect agent. Chromium and some of its compounds are listed as carcinogenic in both animals and man.
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5. Fire-fighting measures

5.1. Extinguishing media

Water Spray, Foam, ABC Dry Chemical or CO₂

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: HCl, CO, CO₂, Organic Acid Vapors.

5.3. Advice for fire-fighters

It is recommended that a self-contained breathing apparatus and protective clothing be worn to prevent skin and eye contact. Dense smoke can be emitted when burned without sufficient oxygen. PVC will not continue to burn after ignition without an external fire source. Do not allow fire fighting runoff water to enter streams, rivers, or lakes. The water will collect HCl from the byproducts of combustion.

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May burn and evolve HCl, CO, CO₂, and small amounts of organic and inorganic compounds

ERG Guide No. ----

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

6.2. Environmental precautions

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. Methods and material for containment and cleaning up

Sweep or vacuum material and dispose of in accordance with applicable federal, state and local regulations. Temperatures above 300 F will decompose raw resin and liberate HCl.

7. Handling and storage

7.1. Precautions for safe handling

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Handle containers carefully to prevent damage and spillage.

Skin should be thoroughly cleansed before eating, drinking, or using tobacco products and clothing laundered before reuse.

Incompatible materials: No data available.

Store away from heat and ignition sources. Avoid exposure to organic solvents and temperatures in excess of 150°F.

7.3. Specific end use(s)

No data available.

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8. Exposure controls and personal protection

8.1. Control parameters

Exposure

CAS No.	Ingredient	Source	Value
75-01-4	Vinyl Chloride Monomer	OSHA	(TWA5)/PEL): 1ppm/8hr
		ACGIH	(TWA/TLV): 5ppm
		NIOSH	No Established Limit
		Supplier	No Established Limit
13463-67-7	Titanium Dioxide	OSHA	(TWA5)/PEL): 15 mg/m3
		ACGIH	(TWA5/TLV): 10 mg/3
		NIOSH	No Established Limit
		Supplier	No Established Limit
1592-23-0	Calcium Stearate	OSHA	(TWA5)/PEL): No Established Limit
		ACGIH	(TWA5/TLV): 10 mg/m3
		NIOSH	No Established Limit
		Supplier	No Established Limit
7440-47-3	Chromium	OSHA	PEL: 0.5 mg/m3
		ACGIH	TLV: 0.5 mg/m3
		NIOSH	No Established Limit
		Supplier	No Established Limit
13333-86-4	Carbon Black	OSHA	PEL: 3.5 mg/m3
		ACGIH	ACGIHTLV: 3 mg/m3
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Acrylic Copolymer	OSHA	(TWA5)/PEL): 100 ppm
		ACGIH	(TWA/TLV): 50 ppm
		NIOSH	No Established Limit
		Supplier	No Established Limit
Proprietary	Organotin Compounds	OSHA	(TWA5)/PEL): 0.1 mg/m3
		ACGIH	(TWA/TLV): 0.1 mg/m3
		NIOSH	No Established Limit
		Supplier	No Established Limit
7439-9605	Manganese	OSHA	PEL: 0.5 mg/m3
		ACGIH	ACGIH-TLV: 0.5 mg/m3
		NIOSH	No Established Limit
		Supplier	No Established Limit

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7440-36-0	Antimony	OSHA	PEL: 0.5 mg/m3
		ACGIH	ACGIH-TLV: 0.5 mg/m3
		NIOSH	No Established Limit
		Supplier	No Established Limit

8.2. Exposure controls

Respiratory	If permissible levels are exceeded, use appropriate NIOSH approved dust respirator.
Eyes	Protective safety glasses recommended
Skin	Not Applicable
Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
Other Work Practices	Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. Physical and chemical properties

Appearance	Solid
Odor	Odorless
Odor threshold	Not determined
pH	Not Measured
Melting point / freezing point	softens above 175F
Initial boiling point and boiling range	Not Measured
Flash Point	736 F
Evaporation rate (Ether = 1)	Not Measured
Flammability (solid, gas)	Not Applicable
Upper/lower flammability or explosive limits	Lower Explosive Limit: Not Measured Upper Explosive Limit: Not Measured
Vapor pressure (Pa)	Not Measured
Vapor Density	Not Measured
Specific Gravity	1.28
Solubility in Water	Nil
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured

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9.2. Other information

No other relevant information.

10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

HCL, CO, CO2, Organic Acid Vapors.

11. Toxicological information

Acute toxicity

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LC50, mg/L/4hr	Inhalation Dust/Mist LC50, mg/L/4hr	Inhalation Gas LC50, ppm
Calcium Stearate CAS 1592-23-0	Rat:10g/kg	No data available	No data available	No data available	No data available
Titanium Dioxide CAS 13463-67-7	No data available	No data available	LC50 (4hr) Rat>6.8mg/l	No data available	No data available
Limestone CAS 1317-65-3	No data available	No data available	No data available	No data available	No data available
Amorphous silica fume - (69012-64-2)	No data available	No data available	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

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Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	---	Not Applicable
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	---	Not Applicable
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

No data available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

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13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	Not Applicable	Not Regulated	Not Regulated
14.2. UN proper shipping name	Not Regulated	Not Regulated	Not Regulated
14.3. Transport hazard class(es)	DOT Hazard Class: Not Applicable	IMDG: Not Applicable Sub Class: Not Applicable	Air Class: Not Applicable
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No;		
14.6. Special precautions for user	No further information		

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	Not Regulated

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Proposition 65 - Developmental Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Female Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

Proposition 65 - Male Repro Toxins (>0.0%):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

New Jersey RTK Substances (>1%):

Amorphous silica fume

PVC (Chloroethylene,
polymer) TALC

(Mg₃H₂(SiO₃)₄)

Pennsylvania RTK Substances (>1%):

TALC (Mg₃H₂(SiO₃)₄)

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is: Not applicable

Disclaimer: The information and recommendations contained within this Material Safety Data Sheet are based on information taken from MSDS's of the material's substituents and are believed to be accurate. However, Foundry North America makes no guarantees or warranties, either expressed or implied, with respect to the information.

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