

Composeal Gray 20 Mil PE Laminate Membrane

Material number 28299



SAFETY DATA SHEET

in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

Version: 2

Language: en-US

Date of print: 11/24/2015

Revision date: 7/7/2015

1. PRODUCT AND COMPANY IDENTIFICATION

Product identifier:

Trade name: **Composeal Gray 20 Mil PE Laminate Membrane**

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

General use: Waterproofing membrane, with imprint or without imprint (Article)
Reserved for industrial and professional use.
Hints: Process product only cold, never heat up.

Details of the supplier of the safety data sheet

Company name: **Compotite**
Street Address: 730 Mooney Street, Bartow, Florida 33830
Telephone: 1-800-221-1056
E-mail: info@compotite.com
Website: www.compotite.com
Emergency phone number: 1-800-221-1056

2. HAZARDS IDENTIFICATION

Emergency overview

Form: solid (sealant tape)
Color: varying, depends on colouring
Odor: low, characteristic
Classification: This material is classified as not hazardous.

Regulatory status

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

Hazards not otherwise classified

Danger of slipping because of loose sheets. Processing, e.g. by cutting, sawing or grinding, can produce particles and dust. Dust contact with the eyes can lead to mechanical irritation. Inhalation of dust may cause irritation of the respiratory system. Danger of dust explosion.
See Section 11: Toxicological Information

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical characterization: Sealing agent on the basis of polyethylene and polypropylene-fleece

4. FIRST AID MEASURES

In case of inhalation: In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. In case of respiratory difficulties seek medical attention.

Following skin contact: Remove residues with soap and water. In case of skin reactions, consult a physician. After contact with molten product, cool skin area rapidly with cold water. Continue cooling process during transport.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

After swallowing: Not a probable route of exposure

In the case of the formation of dust: Rinse mouth. Seek medical treatment in case of troubles.

Composeal Gray 20 Mil PE Laminate Membrane

Material number 28299



Most important symptoms/effects, acute and delayed

No adverse effects known to this day, when properly handled. Processing, e.g. by cutting, sawing or grinding, can produce particles and dust. Dust contact with the eyes can lead to mechanical irritation. Inhalation of dust may cause irritation of the respiratory system.

Information to physician

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Flash point/flash point range:	not applicable
Auto-ignition temperature:	> 572 °F
Suitable extinguishing media:	Water fog, foam, dry extinguishing powder, carbon dioxide.
Extinguishing media which must not be used for safety reasons:	High power water jet

Specific hazards arising from the chemical

This material is combustible, but will not ignite readily. In case of fire may be liberated:	smoke, carbon black, carbon monoxide and carbon dioxide.
Protective equipment and precautions for firefighters:	Wear self-contained positive pressure breathing apparatus and full firefighting protective clothing.
Additional information:	Cool exposed containers with water spray. Do not allow fire water to penetrate into surface or ground water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	At processing: Avoid generation of dust. Danger of dust explosion. Avoid inhalation and contact with skin and eyes. Wear protective equipment. Keep unprotected people away. Ensure adequate ventilation, especially in confined areas.
Environmental precautions:	Do not allow to enter into ground-water, surface water or drains.
Methods for clean-up:	Take up mechanically, placing in appropriate containers for disposal.

7. HANDLING AND STORAGE

Handling

Advices on safe handling:	At processing: provide adequate ventilation, and local exhaust as needed. Avoid generation of dust. Danger of dust explosion. Avoid inhalation and contact with skin and eyes. Wear protective equipment. Keep unprotected people away. When using do not eat, drink or smoke.
---------------------------	--

Storage

Requirements for storerooms and containers:	Store in a cool dry place. Do not freeze.
Hints on joint storage:	Do not store together with combustible or self-igniting materials or any highly flammable solids.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines

Occupational exposure limit values:	Type: Limit value USA: ACGIH: TWA 10 mg/m ³ Dust limit value, indicativ; inhalable fraction USA: ACGIH: TWA 3 mg/m ³ Dust limit value, indicativ; respirable fraction USA: OSHA: TWA 15 mg/m ³ Dust limit value inhalable fraction USA: OSHA: TWA 5 mg/m ³ Dust limit value respirable fraction
-------------------------------------	---

Engineering controls

Provide good ventilation and/or an exhaust system in the work area. In the case of the formation of dust: Use local exhaust.
See Section 7: Handling and Storage

Personal protection equipment (PPE)

Eye/face protection:	At processing (recommended): Safety glasses in accordance with OSHA 29 CFR: 1910.133 or ANSI Z87.1-2010.
----------------------	--

Composeal Gray 20 Mil PE Laminate Membrane

Material number 28299



Skin protection:	At processing (recommended): Wear closed work clothing. Wear suitable protective gloves when processing larger quantities. Protective gloves against mechanical risks
Respiratory protection:	Respiratory protection is not necessary if room is well ventilated. At processing: Use breathing apparatus if a considerable amount of dust is produced. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, self-contained breathing apparatus must be used.
General hygiene considerations:	To avoid thermal decomposition, do not overheat. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and after work. When using do not eat, drink or smoke. At processing: Avoid contact with skin, eyes, and clothing. Do not breathe vapors. Do not breathe dust.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Form:	solid (sealant tape)
Color:	varying, depends on colouring
Odor:	low, characteristic
Odor threshold:	not determined
pH value:	no data available
Melting point/freezing point:	(polypropylene-fleece): 160 °C (polyethylene-foil): 482 °F Initial boiling point and boiling range: no data available
Flash point/flash point range:	not applicable
Evaporation rate:	no data available
Flammability:	combustible
Explosion limits:	LEL (Lower Explosion Limit): not applicable UEL (Upper Explosive Limit): not applicable
Vapor pressure: no data available	no data available
Vapor density: no data available	no data available
Density: 0.95 g/cm ³	0.95 g/cm ³
Water solubility: insoluble	Water solubility: insoluble
Fat solubility: almost insoluble	almost insoluble
Partition coefficient:	n-octanol/water: no data available
Auto-ignition temperature:	> 572 °F
Thermal decomposition:	no data available
Explosive properties:	Product is not explosive. Decomposition products include explosive.
Oxidizing characteristics:	not oxidising

10. STABILITY AND REACTIVITY

Reactivity:	no data available
Chemical stability:	Stable under recommended storage conditions.
Possibility of hazardous reactions:	No hazardous reaction when handled and stored according to provisions.
Conditions to avoid:	Protect from frost, heat and sunlight.
Incompatible materials:	Strong oxidizing agents and solvents
Hazardous decomposition products:	If heated to decomposition product may emit: Smoke, carbon monoxide and carbon dioxide.
Thermal decomposition:	no data available

11. TOXICOLOGICAL INFORMATION

Toxicological tests

Toxicological effects:	Acute toxicity (oral): Based on available data, the classification criteria are not met.
Acute toxicity (dermal):	Based on available data, the classification criteria are not met.
Acute toxicity (inhalative):	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Eye damage/irritation:	Based on available data, the classification criteria are not met.
Sensitisation to the respiratory tract:	Based on available data, the classification criteria are not met.
Skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity/ Genotoxicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
Effects on or via lactation:	Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure):	Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure):	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.

Other information:

Chronic toxicity - Carcinogenic effect:	ACGIH, EPA, IARC, OSHA, and NTP carcinogen lists have been checked for selected similar materials or those components.
Polyethylene:	IARC Rating: Group 3
OSHA Carcinogen:	not listed
NTP Rating: not	listed
Polypropylene:	IARC
Rating:	Group 3
OSHA Carcinogen:	not listed
NTP Rating:	not listed

Symptoms

No adverse effects known to this day, when properly handled. Processing, e.g. by cutting, sawing or grinding, can produce particles and dust. Dust contact with the eyes can lead to mechanical irritation. Inhalation of dust may cause irritation of the respiratory system.

12. ECOLOGICAL INFORMATION

Toxicological tests

Toxicological effects:	Acute toxicity (oral): Based on available data, the classification criteria are not met.
Acute toxicity (dermal):	Based on available data, the classification criteria are not met.
Acute toxicity (inhalative):	Based on available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on available data, the classification criteria are not met.
Eye damage/irritation:	Based on available data, the classification criteria are not met.
Sensitisation to the respiratory tract:	Based on available data, the classification criteria are not met.

Composeal Gray 20 Mil PE Laminate Membrane

Material number 28299



Skin sensitisation:	Based on available data, the classification criteria are not met.
Germ cell mutagenicity/ Genotoxicity:	Based on available data, the classification criteria are not met.
Carcinogenicity:	Based on available data, the classification criteria are not met.
Reproductive toxicity:	Based on available data, the classification criteria are not met.
Effects on or via lactation:	Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure):	Based on available data, the classification criteria are not met.
Specific target organ toxicity (repeated exposure):	Based on available data, the classification criteria are not met.
Aspiration hazard:	Based on available data, the classification criteria are not met.
Other information:	
Chronic toxicity - Carcinogenic effect:	ACGIH, EPA, IARC, OSHA, and NTP carcinogen lists have been checked for selected similar materials or those components.
Polyethylene:	IARC Rating: Group 3
OSHA Carcinogen:	not listed
NTP Rating: not	listed
Polypropylene:	IARC
Rating:	Group 3
OSHA Carcinogen:	not listed
NTP Rating:	not listed
Symptoms	
No adverse effects known to this day, when properly handled. Processing, e.g. by cutting, sawing or grinding, can produce particles and dust. Dust contact with the eyes can lead to mechanical irritation. Inhalation of dust may cause irritation of the respiratory system.	
12. ECOLOGICAL INFORMATION	
Ecotoxicity	
Effects in sewage plants:	Due to its low solubility in water the product is almost completely mechanically separated in biological sewage plants.
Further details:	Do not release large quantities into the surface water or into drains.
Mobility in soil	
no data available	
Persistence and degradability	
Further details:	The substance is not soluble in water. Product is not biodegradable.
Additional ecological information	
Volatile organic compounds (VOC):	0 % by weight = 0 g/L
General information:	Do not allow to enter into ground-water, surface water or drains.
13. DISPOSAL CONSIDERATIONS	
Product	
Recommendation:	The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. Do not release large quantities into the surface water or into drains.
Contaminated packaging	
Recommendation:	Waste key number 150101 - paper and cardboard packaging Waste key number 150102 - Plastic packaging

Composeal Gray 20 Mil PE Laminate Membrane

Material number 28299



14. TRANSPORT INFORMATION

USA: Department of Transportation (DOT)

Proper shipping name: Not controlled under DOT

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: No

Air transport (IATA)

Proper shipping name: Not restricted

Further information: No dangerous good in sense of these transport regulations.

15. REGULATORY INFORMATION

U.S. Federal Regulations

Product: TSCA Inventory: not listed

Polyethylene: TSCA Inventory: listed; EPA flags XU
TSCA HPVC: not listed
Carcinogen Status:
IARC Rating: Group 3
OSHA Carcinogen: not listed
NTP Rating: not listed

Polypropylene: TSCA Inventory: listed; EPA flags XU
TSCA HPVC: not listed
Carcinogen Status:
IARC Rating: Group 3
OSHA Carcinogen: not listed
NTP Rating: not listed

National regulations - Great Britain

Hazchem-Code: -

16. OTHER INFORMATION

Uses advised against: Process product only cold, never heat up.

Hazard rating systems:
Health: 0 (Minimal)
Fire: 1 (Slight)
Reactivity: 0 (Minimal)



HMIS Version III Rating:
Health: 0 (Minimal)
Flammability: 1 (Slight)
Physical Hazard: 0 (Minimal)
Personal Protection: X = Consult your supervisor

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

Date of first version: 7/7/2015

Department issuing data sheet

Contact person: see Section 1: Product and Company Identification

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.