

SAFETY DATA SHEET

1. Product and Company Identification

Material name SpectraTile® Waterproof Lay-in Ceiling Tiles
Revision Date 12-8-15
Version # 00
Chemical description Expanded PVC
Product code SPT
Product use Lay-in Ceiling Tiles

Synonym(s) Ceiling Tiles

Manufacturer/Supplier Parkland Plastics, Inc.
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Telephone number 800-835-4110

2. Hazards Identification

Physical state Solid

Appearance Rigid Sheet

Emergency Overview No specific hazards anticipated from normal product handling. Dust and other particulates generated during cutting, sawing, or grinding may cause eye, skin, and respiratory tract irritation

OSHA regulatory status This product is an article pursuant to 29 CFR 1910.1200 and, as such, is not subject to the OSHA Hazard Communication Standard when used in a manner which is consistent with the intended use. This mixture is considered an article in its final form. Polyvinyl chloride dust accumulation can present a dust explosion hazard. Take necessary measures to limit dust production, and follow applicable regulations.

Potential health effects

Eyes Dust and particulates may cause eye irritation

Skin Dust and particulates may cause skin irritation

Ingestion Not a likely route of exposure under normal product use conditions

Inhalation Dust and particulates may cause respiratory tract irritation

HMIS Ratings: Health: 1
Fire: 0
Reactivity: 0

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

3. Composition / Information on Ingredients

Within the meaning of the OSHA Hazard Communication Standard (29 CFR 1910.1200): this mixture is not considered a hazard when used in the manner which is consistent with the intended use as lay-in ceiling tiles.

4. First Aid Measures

First Aid: Eyes

In case of contact with eyes, rinse immediately with plenty of water. Get medical attention if irritation develops or persists. Excessive dust production at the time of cutting may cause minor eye irritation.

First Aid: Skin

None expected under normal conditions of use. Obtain medical attention if irritation develops or persists. Prolonged contact with large amounts of dust may cause irritation.

First Aid: Ingestion

Not expected to be a primary route of exposure. Obtain emergency medical attention. If large quantities are ingested, Gastrointestinal irritation may occur causing nausea, vomiting, and diarrhea.

First Aid: Inhalation

Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Obtain medical attention if breathing difficulty persists. Dust from this product may cause irritation to the respiratory tract.

If, after any exposure, you feel unwell, seek medical advice.

5. Fire Fighting Measures

General Fire Hazards: not considered flammable but may burn at high temperatures.

Explosion Hazard: Accumulation and dispersion of dust with an ignition source can cause a combustible dust explosion, keep dust levels to a minimum and follow applicable regulations.

Reactivity: Hazardous reactions will not occur under normal conditions.

Extinguishing Media: Use appropriate extinguishing media suitable for surrounding fire. Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Fire Fighting Equipment: Firefighters should wear full protective gear, including respiratory protection – Fire Fighters should use water spray or fog for cooling exposed containers.

Other Information: Do not allow run-off from fire-fighting to enter drains or water courses.

6. Accidental Release Measures

Containment Procedures: Avoid generating dust during clean-up of spills. Sweep or vacuum the product to recover it.

General Measures: Avoid breathing dust, vapors, and fumes. Final product may have sharp edges. Avoid prolonged dust contact with eyes, skin and clothing. Avoid generating dust.

Clean up Procedures: Equip cleanup crew with proper PPE. Ventilate area. Avoid generating dust during clean-up of spills. Sweep or vacuum the product to recover it.



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Clean-up spills immediately and dispose of waste safely. Contact competent authorities after a spill.

Evacuation Procedures: None.

Environmental Precautions: Prevent entry to sewers and public waters.

Special Procedures: See heading 8, exposure controls and personal protection.

7. Handling and Storage

Handling Procedures: Avoid dust generation/production. Final product may have sharp edges. Heating of product can release toxic or irritating fumes, ensure proper ventilation, proper precautions are enforced, and applicable regulations are followed. Sustained temperatures above 150°F may cause slow degradation. Cutting, sawing, grinding, or other operations that generate dust may raise nuisance particles that can cause irritation to the skin, eyes, or respiratory tract. Polyvinyl chloride dust accumulation can present a dust explosion hazard. Take necessary measures to limit dust production, and follow applicable regulations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

Storage Procedures: Comply with applicable regulations. Store away from incompatible materials such as strong acids, strong bases, and strong oxidizers.

Specific End Use(s): Lay-in Ceiling Tiles

8. Exposure Controls/Personal Protection

Component Exposure Limits

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

Engineering Controls – Provide adequate ventilation to minimize dust concentrations. Ensure all Federal/State/Local regulations are observed. Emergency Eye wash fountains should be available in the immediate vicinity of any potential exposure. Sa

Personal Protective Equipment

Eyes/Face: Wear Safety Glasses

Skin: Wear worker gloves to protect from sharp edges

Respiratory: Use NIOSH-approved air-purifying or supplied-air respirator if concentrations of dust exceed exposure limits.

General: Do not eat, drink, or smoke while handling product.



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9. Physical & Chemical Properties

Appearance: Finished Sheet	Color: White
Odor: Odorless	Odor Threshold: N/A
Physical State: Solid	Form: Solid
pH: N/A	Melting Point: Decomposes before melting
Freezing Point: ND	Boiling Point: N/A
Flash Point: ND	Evaporation Rate: N/A
Flammability limits in air, upper: N/A	Flammability limits in air, lower: N/A
Vapor pressure: N/A	Vapor Density: N/A
Specific gravity: (0.45-1.4)	Solubility (water): N/A
Partition coefficient (n-octanol/water): N/A	Auto-ignition temperature: N/A
Decomposition temperature: N/A	

10. Chemical Stability & Reactivity Information

Chemical Stability: Stable at standard temperature and pressure. Sustained temperatures above 150°F may cause slow degradation.

Possibility of Hazardous Reactions: Hazardous polymerization will not occur.

Reactivity: Hazardous reactions will not occur under normal conditions.

Conditions to Avoid: Direct sunlight. Extremely high or low temperatures. Incompatible materials. Sparks, heat, open flame and other sources of ignition.

Incompatible materials: Strong bases. Strong acids. Strong oxidizers.

Hazardous decomposition products: Carbon oxides (CO, CO₂), hydrogen chloride, toxic gases, irritating fumes.

11. Toxicological Information

Acute Toxicity: Not Classified

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

Local effects: Dusts may irritate the respiratory tract, skin, and eyes.

Respiratory or Skin Sensitization: Not Classified.

Skin Corrosion/Irritation: Not Classified.

Serious Eye Damage/Irritation: Not Classified

Aspiration Hazard: Not Classified.

Carcinogenicity: Not classified.

Epidemiology: Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure.

Mutagenicity: Not classified.

Reproductive effects: Not classified.

Symptoms and target organs: Not Classified.



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Symptoms/Injuries After Inhalation: Not expected to present a significant inhalation hazard under anticipated conditions of normal use. Dust from this product may cause irritation to the respiratory tract.

Symptoms/Injuries After Skin Contact: Not expected to be a primary route of exposure. Prolonged contact with large amounts of dust may cause skin irritation.

Symptoms/Injuries After Eye Contact: Not expected to be a primary route of exposure. Excessive dust production at the time of cutting may cause minor eye irritation.

Symptoms/Injuries After Ingestion: Ingestion is not considered a potential route of exposure. If a large quantity has been ingested, Gastrointestinal irritation may occur, including nausea, vomiting, and diarrhea.

12. Ecological Information

Ecotoxicity – Not expected to be harmful to aquatic organisms.

The final product is considered an article and not hazardous in its final form under normal conditions of use according to 29CFR1910.1200. The ingredients contained within this product are not expected to be bioavailable under normal conditions of use.

Persistence and Degradability: No additional information available.

Bioaccumulative Potential: No additional information available.

Mobility in Soil: No additional information available.

Other Adverse Effects: No additional information available.

13. Disposal Considerations

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.)

Do not empty into drains; dispose of this material and its container in a safe way.

14. Transportation Information

DOT	Not regulated as dangerous goods
IATA	Not regulated as dangerous goods
ICAO	Not regulated as dangerous goods
TDG	Not regulated as dangerous goods

15. Regulatory Information

US Federal Regulations:

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US State Regulations:

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16. Other Information

The information herein is presented in good faith and believed to be accurate as of the effective date given. However, no warranty, expressed or implied, is given. It is the buyer's responsibility to ensure that its activities comply with Federal, State or provincial, and local laws.

HMIS RATINGS:

Health: 1

Fire: 0

Reactivity: 0

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