

Safety Data Sheet for SPC (Stone Plastic Composite) Flooring



Print date: January 15,2025 Version: 1.0

SECTION 1: Identification

Product Name: **SPC Flooring**
Manufacturer's Name: Falquon GmbH
Address: Am Hünengrab 18, 16928 Pritzwalk , Germany
Telephone Number: 033986 502110
Product form: mixture Product
Product name: Stone Plastic Composite Flooring
Synonyms: SPC
Relevant identified uses: waterproof flooring for commercial & high-traffic areas, Kitchens, bathrooms, basements, apartments and etc.

SECTION 2: Hazard Identification

Classification of the Substance or Mixture:

Not classified as hazardous under the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Potential Hazards:

No specific hazards associated with SPC Flooring under normal conditions of use. However, dust generated during cutting or sanding may pose respiratory irritation.

SECTION 3: Composition/Information on Ingredients

Chemical Name: Stone Plastic Composite (SPC): Poly Vinyl Chloride, Calcium Carbonate, Chlorinated polyethylene, Acrylate, Calcium-zinc stabilizer, UV Cured Acrylic & XPS Foam.

Product name	CAS-No.	Concentration
PVC (Polyvinylchlorid)	9002-86-2	20-30%
Calcium Carbonate	471-34-1	70-80%
Chlorinated polyethylene	63231-66-3	< 2%
Calcium-zinc stabiliser		<2%
Acrylate		< 1%
XPS Foam (Polystyrene)	9003-53-6	< 2%

SECTION 4: First-Aid Measures

Inhalation:

If dust is generated, move the affected person to fresh air. If symptoms persist, seek medical attention.

Skin Contact:

Wash affected area with soap and water. If irritation occurs, seek medical attention.

Eye Contact:

Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.

Ingestion:

If ingested, do not induce vomiting. Rinse mouth with water and seek medical attention.

SECTION 5: Fire-Fighting Measures

Suitable Extinguishing Media:

Use water spray, foam, dry chemical, or carbon dioxide as appropriate for surrounding materials.

Specific Hazards Arising from the Substance or Mixture:

No specific hazards. Non-combustible material.

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Special Protective Equipment and Precautions for Firefighters:

Wear appropriate protective equipment and self-contained breathing apparatus (SCBA).

SECTION 6: Accidental Release Measures

Personal Precautions:

Wear protective equipment (see Section 8). Avoid dust formation. Avoid breathing dust.

Environmental Precautions:

Prevent entry into sewers, watercourses, or low areas.

Methods and Materials for Containment and Cleaning Up:

Collect spilled material using vacuum equipment or by wet sweeping to avoid dust formation.

SECTION 8: Exposure Controls/Personal Protection

Control Parameters: N/A

Personal Protective Equipment:

Respiratory Protection: Use a dust mask if dust is generated.

Eye Protection: Safety glasses or goggles.

Hand Protection: Gloves.

Skin Protection: Long-sleeved clothing.

SECTION 9: Physical and Chemical Properties

Appearance: Solid SPC rigid Plank

Odor: N/A

pH: N/A

Melting Point/Freezing Point: N/A

Boiling Point/Boiling Range: N/A

Flash Point: N/A

Flammability (solid, gas): N/A

Vapor Pressure: N/A

Density: N/A

Solubility in Water: N/A

Burning behavior using a radiant heat source according to DIN EN ISO 9239-1:

Critical heat flow: 11,35 [kW/m²]

Smoke production [% * min]: 606,2

Classification: Bfl-s1

Gross heat of combustion according to EN ISO 1716:2018-07:

Calorific value acc. to ISO 1716: 6,3868 PCS [MJ/kg]

SECTION 10: Stability and Reactivity

Reactivity: No specific reactivity hazards.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: None under normal processing.

SECTION 11: Toxicological Information

No acute toxicity expected under normal conditions of use.

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Skin Corrosion/Irritation:

Not expected to cause skin irritation.

Serious Eye Damage/Irritation:

Not expected to cause eye irritation.

SECTION 13: Disposal Considerations

Dispose of according to local, state, and federal regulations.

SECTION 14: Transport Information

Not regulated for transportation.

SECTION 15: Regulatory Information

This product is in compliance with relevant regulations.

SECTION 16: Other Information

Disclaimer: Falquon GmbH has used its reasonable endeavors to ensure the accuracy and reliability of the information contained herein and, to the extent permitted by law, will not be liable for any inaccuracies, omissions or errors in this information nor for any actions taken in reliance on this information. Products must be installed in accordance with relevant installation recommendations and industry best practices.

Due to possible technical changes, it is incumbent upon the user to obtain the most up to date information.