

MATERIAL SAFETY DATA SHEET

1. GENERAL INFORMATION.

Identification of substance or preparation: Composite of rubber with polyurethane binder

Commercial product name: **Sports Flooring**

Application: Flooring

Manufacturer/Supplier:

Amorim Cork Composites, SA

26112 110th Street

Trevor, WI 53179

Tel.: (262)-862-2311

Fax: (262) 862-2500

Information provided by: The manufacturer

2. COMPOSITION / INFORMATION ON INGREDIENTS.

Chemical composition: Ground Rubber, Isocynate, EPDM(some products)

3. HAZARDS IDENTIFICATION.

The product is not considered to present any hazards when processed according to correct working procedures.

4. FIRST AID MEASURES.

Inhalation: Dust inhalation, inhalation of vapours from heated products, inhalation of vapours due to thermal decomposition – Move to fresh air and in case of persistent problems consults a doctor.

Skin contact Cool skin with cold water after contact with molten compound removes product with vegetable oil or paraffin. In case of adhesion, do not try to remove the product. Treat the affected areas as thermal burns.

Eye contact Remove particles remaining under the eyelids. Wash well open immediately, abundantly and thoroughly with water. If irritation persists, consult an ophthalmologist.

5. FIRE FIGHTING MEASURES.

Suitable extinguishing media: Water spray, foam, dry powder, water fog.

Specific Hazards: Thermal decomposition giving toxic products: carbon monoxide and carbon dioxide. Do not use high pressure water.

Protective equipment for fire-fighters: In case of fire, wear a self-contained breathing apparatus.

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6. ACCIDENTAL RELEASE MEASURES.

<u>Personal protection:</u>	Sweep up to prevent hazard of slipping.
<u>Environmental protection:</u>	Do not release into the environment. Do not let the product enter into drains
<u>Methods for cleaning up:</u>	Shovel or sweep up. Collect into suitable labelled containers for disposal. Destroy the product by incineration at an approved waste disposal site

7. HANDLING AND STORAGE.

<u>Handling:</u>	Storage and handling precautions applicable to product. Ensure appropriate exhaust and ventilation at machinery.
<u>Storage:</u>	Store protected from moisture and heat.

8. EXPOSURE CONTROL / PERSONAL PROTECTION.

<u>General:</u>	No special precautions necessary under normal processing.
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9. PHYSICAL AND CHEMICAL PROPERTIES.

<u>Appearance:</u>	Roll or sheet form
<u>Colour:</u>	Black; with speckled color
<u>Odour:</u>	Faint, slight odor of vulcanized rubber

	<u>Value</u>
<u>Specific gravity (25 °C):</u>	1.04-1.20
<u>Flash point:</u>	Not applicable
<u>Solubility in water:</u>	Insoluble

10. STABILITY AND REACTIVITY.

<u>Conditions to avoid:</u>	Store protected from moisture and heat.
<u>Hazard decompositions products:</u>	Thermal decomposition giving toxic products: carbon monoxide and carbon dioxide (CO ₂); and hydrochloric acid.
<u>Further information:</u>	The product is stable at ambient temperatures. Start of exothermal decomposition at about 200° C – 250° C.

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11. TOXICOLOGICAL INFORMATION.

- Acute toxicity: According to its composition, this product should not be harmful in normal conditions of use.
- Local effects: Inhalation: Possible irritation of respiratory system. At high temperatures, products of thermal decomposition can be irritating to respiratory system.
- Ingestion: Can be considered not harmful if swallowed.
- Skin contact: Can be considered as non-irritating to skin. Contact with the product, when handled at high temperatures, cause serious burns. At high temperature, products of thermal decomposition can be irritating to skin.
- Eye contact: Can be considered as non-irritating to eyes. Contact with the product, when handled at high temperatures, can cause serious burns. At high temperature, products of thermal decomposition can be irritating to eyes.

12. ECOLOGICAL INFORMATION

- Ecotoxicity: Inert material
- Persistence and degradation: Not biodegradable on the base of its structure

13. DISPOSAL CONSIDERATION.

- Product: Landfill or incineration in accordance with federal, state and local regulations. Always consult the relevant local authority before disposal. The material can be recycled. Where possible recycling is preferred to disposal or incineration.

14. TRANSPORT INFORMATION.

- Road & Rail (ADR/RID): Not regulated.
- Sea (IMDG/IMO): Not regulated.
- Air (ICAO/IATA): Not regulated.

15. REGULATORY INFORMATION.

- EEC Directive: -
- EC classification/ Labelling: -
- Dangerous preparation: Not classified as dangerous (D. 1999/45/EC)
- Inventories: EINECS (EU): conforms
TSCA (USA): conforms
DSL (Canada): conforms

16. OTHER INFORMATION.

The information given in this Material Safety Data Sheet is based on knowledge available at the time of compilation and is intended to describe the product only in terms of health and safety requirements. It does not signify any warranty with regard to specific properties or specifications. The present product is designed for general industrial use.