

MATERIAL SAFETY DATA SHEET
1. IDENTIFICATION

Product names: Guardeck Elite
Product use: PVC decking. Primarily used in residential and commercial deck applications.
Company: Guardian Building Products Distribution, Inc.
 979 Batesville Road
 Greer, SC 29651
www.guardianbp.com

Emergency Contact:

**For Chemical Emergency
 Spill, Leak, Fire, Exposure, or Accident
 Call CHEMTREC Day or Night**

**Within USA and Canada: 1-800-424-9300
 Outside USA and Canada: +1-703-527-3887**

2. HAZARDS IDENTIFICATION

Emergency Overview: During a fire emergency, avoid inhalation, eye, and skin contacts.

Primary Route(s) of Exposure: Inhalation, Eye, Skin Contact

Potential Health Effects and Symptoms of Over-Exposure

Eye Contact: Dust may cause eye irritation

Skin Contact: May cause skin irritation

Inhalation: May cause discomfort in nose and throat

Ingestion: Unlikely

Medical Conditions Aggravated by Overexposure: Available toxicological information and the physical/chemical properties of the material suggest that there is no evidence that this product aggravates an existing medical condition.

Carcinogenicity: NTP: No IARC: No OSHA: No

3. COMPOSITION

CAS number	Name of the ingredient	Concentration	Classification and Exposure Limits
9002-86-2	PVC	50 – 100%	OSHA PEL: 5 mg/m ³ (respirable dust)
Mixtures	Proprietary	0 – 50%	Not established

This product is classified as an "Article" as defined under the OSHA Hazard Communication Standard and thus exempt from the requirement to provide an MSDS. Product does not release significant amounts of hazardous chemicals under normal end use. However, the product will decompose into hazardous products in a fire. Hydrogen chloride gas and other products of thermal decomposition can cause serious injury. Do not burn as firewood. Processing that generates significant amounts of airborne dust or decomposition products should be performed in well-ventilated areas and protective equipment including approved respirators must be worn. Dust may be combustible and should not be allowed to accumulate.

4. FIRST AID MEASURES

Inhalation: Remove subject to fresh air. If symptoms develop, seek immediate medical attention.

Ingestion: Not likely to be ingested.

Skin contact: Flush skin with soap and water. If irritation develops, get medical attention immediately.

Eye contact: Flush eyes with water for at least 15 minutes. Do not rub the eyes. If irritation develops, consult a physician.

Notes to Physician: Treat symptomatically and supportively.

Other Instructions: Never give anything by mouth to an unconscious person.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water, foam, carbon dioxide, dry chemical

Unusual Fire and Explosion Hazards: This product is non-flammable and nonexplosive under normal conditions of use. It will not continue to burn after ignition without an external fire source. When forced to burn, the major gaseous products of the combustion of PVC are carbon monoxide, carbon dioxide, and hydrogen chloride.

Special protection for fire-fighters: In the event of a fire, wear NIOSH approved, positive pressure, self-contained breathing apparatus (SCBA) and full protective clothing. Evacuate all personnel from danger area. Use dry chemical, foam, water or carbon dioxide to extinguish fire.

6. ACCIDENTAL RELEASE MEASURES

Response to Spills: Not applicable

7. HANDLING AND STORAGE

Handling: Use with care. Wear gloves if necessary when cutting or fabricating sheet.

Storage: Store in a cool, dry, well-ventilated area away from sources of extreme heat or fire.

Container Use: Not applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls: Ventilation requirements – Local Exhaust

Work/Hygiene Procedure: Do not eat, drink, or smoke in work area. Wash hands thoroughly after handling.

Respiratory protection: Use NIOSH/MAHA approved dust respirators as needed.

Eye protection: Wear safety glasses during sheet cutting or fabricating process.

Skin protection: Wear gloves and long sleeved clothing when cutting or fabricating sheets.

Exposure Guidelines:

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
PVC	5 mg/m ³ (respirable dust)	10 mg/m ³ (nuisance dust)

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Solid

Color: Leather, Dune, Driftwood, Slate

Odor: Insignificant

Melting Point: Not established

Flash Point: N/A

Boiling Point: N/A

Vapor Density: N/A

Vapor Pressure: N/A

Solubility: Insoluble

Specific Gravity: 0.4 – 2.0 (water = 1)

Evaporation Rate: None

pH: N/A

The physical data presented are typical values and should not be construed as a specification.

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Avoid fire or elevated temperature above 250°C

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Hydrogen Chloride

11. TOXICOLOGICAL INFORMATION

The information below can be subject to misinterpretation. Therefore, it is essential that the following information be interpreted by individuals trained in its evaluation.

<u>Chemical</u>	<u>Toxicity Data</u>
PVC	ori-rat TDLo: 210 g/kg/30W-C:ETA

12. ECOLOGICAL INFORMATION

No data is available on the adverse effects of this product on the environment. Neither COD nor BOD data are available.

13. DISPOSAL CONSIDERATIONS

Disposal Method: It must be disposed of in accordance with Federal, State, and local environmental control regulations.

Recycle/Reclaim: Recycling of PVC sheet should be encouraged where possible.

14. TRANSPORT INFORMATION

DOT Shipping Name: Not listed

DOT Label: N/A

DOT Hazard Class: Not regulated

UN/NA Number: N/A

Hazard Label: N/A

Hazard Placard: N/A

Packing Group: N/A

Bulk Packaging: N/A

RQ: N/A

Emergency Response Guide No.: N/A

15. REGULATORY INFORMATION

FEDERAL REGULATORY INFORMATION

OSHA Status: Not listed

EPA Clean Air Act Status: Not listed

EPA Clean Water Act Status: Not listed

TSCA Status: PVC is listed on TSCA inventory (40 CFR710)

CERCLA RQ: Not listed

SARA Title III:

PVC

Section 302*

None

Section 313**

None

Section 311/312***

None

* Reportable quantity of extremely hazardous substance, Sec. 302

* Threshold planning quantity, extremely hazardous substance, Sec. 302

** Toxic chemical, Sec 313

** Category as required by Sec 313 (40CFR372.65C) Must be used on Toxic Release Inventory form.

*** Hazard category for SARA Sec. 311/312 reporting H1=acute health hazard, H2=chronic health hazard, P3=fire hazard, P4=sudden release of pressure hazard, P5=reactive hazard

RCRA Status: The product is not an RCRA hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waster (40CFR261.20-24).

OTHER REGULATORY INFORMATION

The following chemicals are specifically listed by individual states; other product-specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements, you should contact the appropriate agency in your state.

<u>State</u>	<u>Chemical</u>	<u>Regulation</u>
Texas	PVC	Effects Screening Level (ESL) List: short term 50 ug/M ³ ; long term 5 ug/M ³
California	PVC	Proposition 65: warning – this product contains a chemical, residual VCM, known to the state of California to cause cancer.

International

United Kingdom Occupational Exposure Standard:TWA's total inhalable dust 10mg/m³ TWA; Respirable dust 5 mg/m³
Germany MAK Value: fine dusts 5 mg/m³ MAK

16. OTHER INFORMATION

NFPA

Fire – 1
Health – 0
Reactivity – 0
Specific Hazard – None

HMIS

Health – 0
Flammability – 1
Reactivity – 0
Personal Protection Index - E

MSDS Preparation Date: 5/5/2010

Supersedes: N/A

DISCLAIMER: This Safety Data Sheet does not constitute a workplace risk assessment. The information provided in this MSDS is accurate to the best of Guardian Building Products' knowledge and is provided in good faith. No warranty is given with respect to its accuracy and/or reliability. The information relates only to the particular product and not to the product when used in combination with any other materials. It is the user's responsibility to take proper precautions when using this product and ensure its own compliance with applicable local, state and federal laws and regulations.