

MATERIAL SAFETY DATA SHEET
1. IDENTIFICATION

Product names: **Guardeck Prestige**

Product use: Wood plastic composite decking with surface coating. For use in residential deck applications.

Manufacturer: 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

Negligible hazard when used in its intended form. This product can create a nuisance dust when cut or machined that may cause mechanical irritation of the eyes, skin and respiratory tract.

Repeated exposures to certain wood dusts can produce skin and respiratory reactions including asthma and rhinitis. It has been determined there is sufficient evidence to classify wood fiber as a human carcinogen. However, when wood fiber is encapsulated in a polymer matrix, exposure is virtually eliminated.

Long term overexposure to silica dust may produce evidence of respiratory dysfunction in some individuals. Prolonged inhalation of crystalline silica dust in excess of exposure limits may cause silicosis, a lung disease. Crystalline silica was found to be a Group 1 human carcinogen in a recent study by IARC. NTP classifies as reasonably anticipated to be a carcinogen (Group 2). Some carcinogenic components may be below de minimis levels.

NOTE: WOOD DUST IS CONTAINED IN A POLYETHYLENE MATRIX. The matrix contains used thermoplastic and waste wood. Plastic is obtained primarily from post consumer bottles such as milk or detergent bottles. Wood fiber is typically obtained from cabinetmakers and/or waste pallets.

3. COMPOSITION

CAS number	Name of the ingredient	Concentration	Classification and Exposure Limits
9004-34-6	Wood flour	50-65%	OSHA PEL TWA: 15 mg/m ³ ACGIH TLV TWA: 5 mg/m ³
N/A	HDPE Flake (recycled)	30-50%	N/A
	Coloring Agents	1-4%	Not Established
9003-07-0	Polyethylene Homopolymer	1-5%	Not Established
Proprietary Mixture	Struktol 0409 N	0-8%	OSHA PEL TWA: 15 mg/m ³

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. Do not burn as firewood.

4. FIRST AID MEASURES

Inhalation: Not likely to be inhaled. If exposed to excessive dust, removes to fresh air. If respiratory irritation or cough occurs after exposure to dust, seek medical attention.

Ingestion: Not likely to be ingested.

Skin contact: Flush skin with soap and water. Contact a physician if irritation persists.

Eye contact: Flush eyes with water. Contact a physician if irritation persists.

5. FIRE-FIGHTING MEASURES

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

Products of Combustion: Carbon Dioxide, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid, Acetic Acid

Unusual Fire and Explosion Hazards: Exposure to fire can create toxic fumes. High dust levels may create potential for explosions.

Special protection for fire-fighters: For fires in enclosed areas, firefighters must use self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Avoid dust-generating means of clean-up. Large pieces may be disposed in waste bins. If dusty conditions are created, wet dust down then sweep or vacuum for disposal. Personnel performing cleanup must use protective equipment.

7. HANDLING AND STORAGE

Handling: Composite lumber is heavier than normal wood products; lift carefully to avoid damage or injury. Do not burn or use as firewood.

Storage: Store on a flat surface. Store away from strong oxidizing agents, ignition sources, or combustible materials.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure controls: Provide good ventilation; avoid dust-generating means of cutting/clean up.

Respiratory protection: Approved dust respirators must be used for dusty conditions or if breathing of dusts is likely.

Hand protection: No special equipment required.

Eye protection: Wear goggles or safety glasses with sideshields when performing operations that may generate dust or potential for flying debris.

Skin protection: If irritation occurs, wear long sleeves and gloves for protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Solid; various colors

Odor: Slight olefinic

Melting Point: N/A

Flash Point: 420 °C

Boiling Point: N/A

Vapor Density: N/A

Vapor Pressure: N/A

Solubility: Insoluble

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

10. STABILITY AND REACTIVITY

Stability: Stable

Conditions to avoid: Extreme temperatures and flame

Incompatibility: Strong oxidizers

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide, Acetaldehyde, Formaldehyde, Formic Acid, Acetic Acid

11. TOXICOLOGICAL INFORMATION

IARC has determined wood dust and crystalline silica dust to be possible carcinogens. Exposure is expected to be minimal in standard form due to the wood dust and silica being incorporated into a polymer matrix.

12. ECOLOGICAL INFORMATION

This product has not been evaluated for environmental effects, but is not expected to pose an ecological hazard if used as intended.

13. DISPOSAL CONSIDERATIONS

Disposal in waste dumps or landfill does not normally involve special precautions/regulations. Check with local laws.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport. Not regulated by DOT.

15. REGULATORY INFORMATION

SARA 313: This product does not contain chemicals subject to SARA 313 toxic release requirements.

TSCA: All components comply with TSCA.

16. OTHER INFORMATION

MSDS Preparation Date: 5/25/2010

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.