

# MATERIAL SAFETY DATA SHEET

## HOH ECOTECH® DECKING/PROFILES

### 1. PRODUCT AND COMPANY IDENTIFICATION

#### 1.1. Product Information:

Product Name: Wood Plastic Composite Decking/ Profiles

#### 1.2. SUPPLIER:

Company Name: Huangshan Huasu New Material Science &Technology Co.,Ltd.

Address: Chengbei Industrial Zone, Huizhou, Huangshan City, Anhui Province, China.

Zip Code: 245900

Fax: +86-0559-3581884

Intl Tel: +86-0559-3582638

Tel: +86-0559-3585207

Email: info@hohecotech.com

#### 1.3. Product Usage:

Recommended usage: Used for building materials

Limit usage: None

### 2. COMPOSITION/INFORMATION ON

Component	CAS	Percentage (%)
Wood Flour/ Rice Husks	Plant Fiber Mixture	55%
HDPE/ PE Coupling Agent	9002-88-4 9006-26-2	35%
Pigment	1345-25-1 51274-00-1 1333-8-6-4	4%
Lubricant	557-05-1	2%
Reinforcing Filler	14807-96-6	3.5%
Additives (Antioxidants; Fungicides; UV Absorbers) etc.	6683-19-8 1843-05-6	0.5-0.75%

NOTE: PLANT FIBER MIXTURE IS CONTAINED IN A POLYETHYLENE MATRIX. POLYETHYLENE IS A THERMOPLASTIC MATERIAL. THIS MATRIX CONTAINS PLANT FIBER MIXTURE AND POLYETHYLENE. THE POLYETHYLENE IS SOURCED MAINLY FROM RECLAIMED/RECYCLED PLASTIC BOTTLES AND CABLE; PLANT FIBER MIXTURE IS SOURCED FROM RECLAIMED/RECYCLED SAW DUST, FURNITURE, AND WASTE PALLETS.

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### 3. HAZARD IDENTIFICATION

- Outline of emergency situations: there is no danger of fire or leakage under normal conditions. Inhalation of dust cutting sawdust have some impact on health.
- Potential impact on health: Sawdust may cause stimulation of the eyes. Direct contact with the skin, have no impact on health.
- Hazardous substances and carcinogenic: Products meet the requirements of European Chemicals administration published on the European Union REACH (EC) 190/2006 regulatory requirements related to a high degree of concern material (SVHC) candidate list requirements.
- Harmful substances test by PAHs and total chromium content. Detailed test data and reports, can demand by contact the company.

### 4. FIRST AID MEASURES

- Eye contact: Flush eyes with plenty of water for at least 15 minutes. If you still feel stimulating, please treatment by doctor.
- Skin contact: Wash with soap and water.
- Inhalation: Breathe fresh air in time. If breathing is difficult or stop, carry out an artificial respiration and treatment by doctor immediately.
- Ingestion: If swallowed, please drink plenty of water for diluting, vomiting, and seeking medical advice.

### 5. FIRE FIGHTING MEASURES

- Special hazard of products: Not included in the scope of inflammable and explosive materials, but the combustible produce harmful combustion products; non combustible dust, but such as particulate suspended in the air, may reach the combustible concentration, electrostatic discharge may become dust explosion source.
- Harmful combustion products: carbon monoxide, carbon dioxide, formaldehyde, acetaldehyde, irritating smoke.
- Extinguishing media and methods: water spray, dry powder, foam, carbon dioxide.
- Inappropriate fire extinguishing agent: no relevant information.
- Special fire extinguishing methods: no relevant information.
- Fire precautions: wear self-contained breathing apparatus, in the upwind to extinguish the fire, the isolation of hazardous areas, evacuation of personnel, to ensure the safety of the premise as far as possible to move away from the destruction of products. Ventilation in place after fire. A fire embankment to deal with sewage, shall not discharge.

### 6. ACCIDENTAL RELEASE MEASURES

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Building profile products, there is no leakage problem, not applicable to the item.

### 7. HANDLING AND STORAGE

- Handling: HOH Ecotech® Decking is not intended for load-bearing or heavy structural applications. Please consult HOH Ecotech® company literature for proper usage. The density of HOH Ecotech® Wood' s composite lumber is heavier than compared to most traditional lumber products. Therefore, the user must employ the proper handling to prevent damage or injury.
- Storage: Store HOH Ecotech® Decking away from strong oxidizing agents or combustible material. Do not store long term moisture, confined space, to ensure that ventilation.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering control: the use of adequate ventilation.
- Respiratory protection: if there is dust or sawdust conditions may breathe sawdust dust area to be used anti-dust masks approved by NIOSH.
- Skin protection: no special equipment required.
- Eye protection: safety glasses, or face masks.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical properties are given which are considered representative. For specific physical properties refer to the Product Data Sheet.

Boiling point: N/A	Melting point: N/A
Vapor density: N/A	Steam pressure: N/A
Water solubility: N/A	Density: 1.2-1.35
PH value: not applicable	Odor: no
Appearance: solid, various colors	

### 10. STABILITY AND REACTIVITY

- Stability: Stable under normal operation and storage conditions, if the temperature exceeds 360 degrees, then the decomposition.
- Occurrence of risk response: Risk response will not occur under normal use.
- Incompatible substances: strong oxidizing materials.
- Avoid conditions: Keep away from heat, sparks, flames.

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- Aggregation hazard: do not occur.
- Hazardous decomposition products: At high temperatures, it will break down and smoke, may contain carbon dioxide, carbon monoxide, ketones, aldehydes and unknown organic compounds.

### 11. TOXICOLOGICAL DATA

- ACUTE TOXICOLOGY

Oral Toxicity (Rats): Not established.	Dermal Toxicity (Rabbits): Not established.
Inhalation Toxicity (Rats): Not established.	Eye Irritation (Rabbits): Not established.
Skin Irritation (Rabbits): Not established.	

- CHRONIC TOXICOLOGY

IARC has determined and summarized that there is sufficient evidence to classify wood fiber as a human carcinogen. Exposure to wood fiber is severely reduced when wood fiber is encased by a polymer matrix.

### 12. ECOLOGICAL INFORMATION

- Ecological toxicity: the product has not been tested. This statement is based on the structure of the product, and the product has no acute toxicity to aquatic organisms.
- Persistence and degradation: the product has not been tested, this statement is based on the structure of the product, the product is not easy for the stability of the product is not easy to biodegradation.
- Potential biological accumulation: because the product does not dissolve in water, it is not easy to be used by biological, non biological accumulation.
- Migration in soil: no relevant information.
- Other harmful environmental effects: This product is non-toxic, particles have physical effects on water and soil organisms.

### 13. DISPOSAL CONSIDERATION

- Nature of waste: According to the "national hazardous waste list" of the products of non hazardous waste, non industrial solid waste.
- Waste disposal method: recycling (processing), according to the regulations, incineration in allowing the equipment. Smoke from burning, before releasing into the environment, take proper equipment. Avoid burying methods as far as possible, Could not be avoided in the permit place to bury .
- Waste attentions: Inadequate incineration in the environment will produce toxic gases such as CO<sub>2</sub>, CO, etc..

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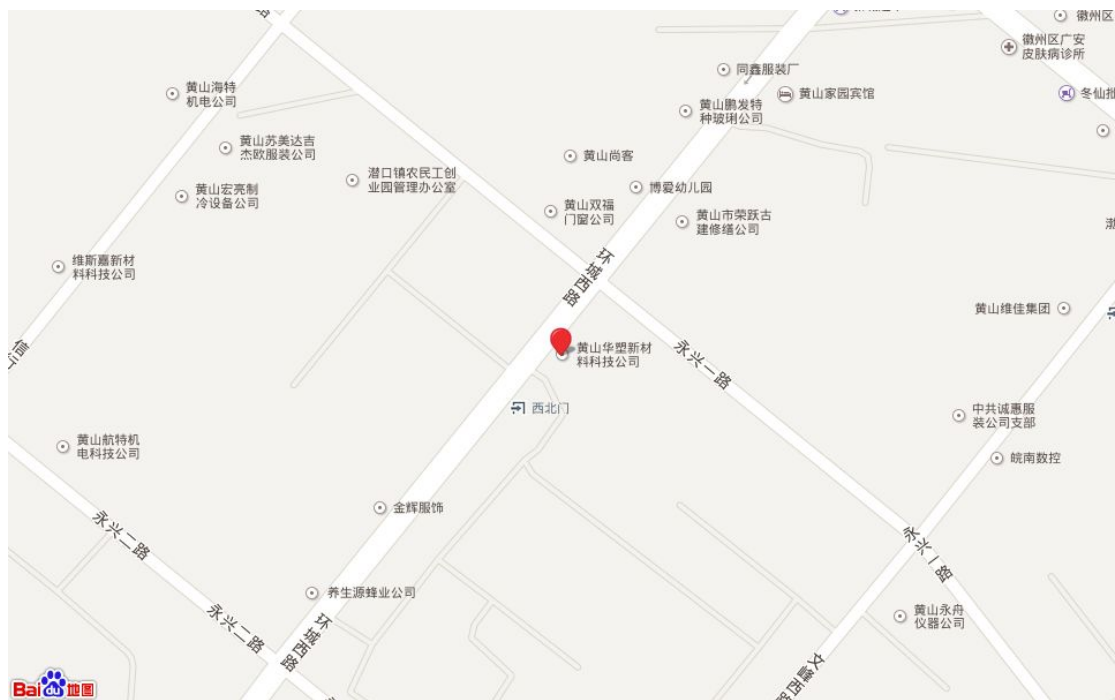
### 14. TRANSPORT INFORMATION

- Hazardous cargo number: according to the road transport (ADR), rail transport (RID), inland waterway transport (ADN), marine transport (IMDG), air transport (IATA) rules, not included in the scope of dangerous goods.
- Special precautions for transportation: WPC Decking for non dangerous goods. In the course of transportation and loading and unloading, materials or pallets should be fixed firmly with the transport tool. Is strictly prohibited in the sun or rain. Storage conditions should be dry and ventilated, not stacked too high, in order to avoid dumping injured personnel.

### 15. Regulatory information

China regulatory information: Wood plastic composite products are not included in the scope of management of chemicals. Under the existing laws and regulations of the European Union, accord with the requirements of environmental protection, health (REACH, PAHs, PCPs).

Statement: this information is based on our current knowledge, in order to illustrate the health, safety and environmental requirements of the preparation, and therefore can not be used as a product performance guarantee. Some of the recommendations in this article are based on the original product. Need to pay attention to the handle and use.



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