

HAINING ANJIE COMPOSITE MATERIAL CO., LTD.

MATERIAL SAFETY DATA SHEET

According to NOHSC:2011(2003) and HSNO CoP 8-1 (September 2006)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: ANJIE® CARBON FIBER LAMINATES
Other Name:
Recommended Use: Reinforcement
Company: HAINING ANJIE COMPOSITE MATERIAL CO.,LTD.
Address: No.15 Yuanding Road, Dingqiao Town, Haining City, Zhejiang Province, 314414 China
Telephone Number: +86-573 87232623

2. HAZARDS IDENTIFICATION

Hazard Classification: NON HAZARDS SUBSTANCE. NON DANGEROUS GOODS.
Non Dangerous Goods for transport according to the HS code.
Non Hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and NOHSC.
Hazard Designation: None
HSNO Classification: None
Risk Phrase(s): None
Safety Phrase(s): None

3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Proportion</u>
Non hazardous ingredients	to 100%

4. FIRST AID MEASURES

Inhalation: Not a normal route of injury. However, if inhalation does occur, remove victim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped administer artificial respiration. Seek medical attention

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs seek medical attention. Skilled personnel should only undertake removal of contact lenses after eye injury.

Skin: Remove contaminated clothing. Wash contacted areas thoroughly with soap and water. If irritation persists seek medical attention. Wash contaminated clothing before re-use.

Ingestion: Do not induce vomiting; give large quantities of water; get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquids into lungs. Do Not give anything by mouth to an unconscious person.

5. FIRE FIGHT MEASURES

Suitable extinguishing media: Use extinguishing agent suitable for type of surrounding fire e.g. water spray or fog, foam, carbon dioxide(CO₂) and dry chemical

Hazards from combustion products: This material is not flammable. However, in a fire situation or at extreme temperatures, gases/vapours/fumes of carbon monoxide and dioxide can be produced.

Precautions/equipment for fire fighters: None known

Hazchem code: None allocated

6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up: Shovel into appropriately labeled and sealed containers. Disposal should be effected by an approved waste disposal organization according to local regulations. Refer to the local waste management authority.

Environmental precautions: Do not discharge into sewers or waterways.

7. HANDLING AND STORAGE

Precautions for safe handling: Wear personal protective equipment(PPE) as per section 8. Avoid handling which leads to dust generation. Avoid inhalation of dust. Avoid skin contact.

Conditions for safe storage: Store at moderate temperature. Keep containers tightly closed; store under cool dry conditions. Keep out of reach children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Ensure adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particles below the OEL(Occupational Exposure Limit), suitable respiratory protection must be worn.

Exposure Standards Nuisance Dust 8 Hour TWA 10mg/ m³ inhalable; 4 mg/ m³ respirable

Personal Protective Equipment(PPE):

Respiratory protection: Respiratory protection must be used if air concentration exceeds acceptable level. Dust filter P2(for fine dust).

Glove type(AS2161): No specific hand protection is noted but it is still advisable to limit skin contact by wearing impervious gloves e.g. PVC or nitrile rubber.

Eye protection: Chemical worker's goggles, well fitting safety glasses or full face shield.

Clothing: No special clothing required but overalls or other suitable industrial clothing which provides full skin coverage are suggested as a general precaution, especially where heavy contamination is likely.

Other: Use barrier creams to protect skin from contact with the material. Do not drink smoke while working with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black Fibrous Matting

Odour: Odourless

ANJIE® COMPOSITE

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<u>pH:</u>	Not applicable.
<u>Solubility in water:</u>	Insoluble.
<u>Specific gravity:</u>	Not available.
<u>Flash point:</u>	Non flammable

10. STABILITY AND REACTIVITY

<u>Chemical stability:</u>	Normally stable when stored in original sealed containers in cool dry conditions. Not sensitive to chemical impact.
<u>Incompatible materials:</u>	Strong oxidizing agents.
<u>Hazardous decomposition products:</u>	In a fire situation or at extreme temperatures, gases/vapours/fumes of carbon monoxide and dioxide can be produced.
<u>Hazardous reactions:</u>	None known.

11. TOXICOLOGICAL INFORMATION

<u>Health Hazard Summary:</u>	No specific health warnings noted.
<u>Inhalation:</u>	Dust may irritate respiratory system or lungs.
<u>Eyes:</u>	Particles in the eyes because of abrasive action may cause irritation and smarting.
<u>Skin contact:</u>	Powder may irritate skin.
<u>Ingestion:</u>	May cause discomfort if swallowed.
<u>Toxicity Data:</u>	Nuisance Dust 8 Hour TWA 10mg/ inhalable; 4 mg/ Respirable.

12. ECOLOGICAL INFORMATION

<u>Ecology:</u>	Not regarded as dangerous for the environment. Do not discharge into drains, sewers or waterways.
<u>Marine pollutant:</u>	Not known.

13. DISPOSAL CONSIDERATIONS

<u>Disposal method and containers:</u>	Recover and reclaim or recycle, if practical. Ensure containers are sealed. Avoid dust generation. Dispose of to an approved land fill site. Refer to Waste Management Authority. Dispose of material through a licensed waste contractor.
<u>Special precautions for landfill or incineration:</u>	None known.

14. TRANSPORT INFORMATION

<u>UN Number:</u>	None allocated
<u>UN Proper Shipping Name:</u>	Not regulated
<u>Dangerous Goods Class:</u>	None allocated
<u>Subsidiary Risk:</u>	None allocated
<u>Packing Group:</u>	None allocated
<u>Hazchem Code:</u>	None allocated

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15. REGULATORY INFORMATION

<u>NICNAS/AICS:</u>	All components are listed
<u>Poisons Schedule:</u>	Not Scheduled
<u>HSNO Classifications:</u>	Not required
<u>ERMA Group Standard:</u>	Not required
<u>ERMA/NZIOC:</u>	All components are listed
<u>Tracking:</u>	Not required
<u>Approved Handler:</u>	Not required

16. OTHER INFORMATION

CAUTION: Carbon materials are electrical conductors. Take the necessary precautions to remove all risk of unidirectional contact with a source of electricity.

This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.