



Report No.: TDT190306015EN

Date: Mar. 12, 2019

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Material Safety Data Sheet (MSDS)

Samples Name: Polycarboante sheet

Model No.: BGU48I

Client Name: POLYVALLEY TECHNOLOGY(TIANJIN) CO.,LTD.

Client Address: NO.2 HONGWANG ROAD,CUIHUANGKOU,WUQING,TIANJIN CHINA 301702

Signed for and on Behalf of TDT



Li.zhang / Technical Manager
Shenzhen TDT Technology Co., Ltd.

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Material Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product Name: Polycarboante sheet

Trade Name: Solar panel

Item No.: BGP1903002

Manufacture: POLYVALLEY TECHNOLOGY(TIANJIN) CO.,LTD.

Supplier: POLYVALLEY TECHNOLOGY(TIANJIN) CO.,LTD.

Buyer: [REDACTED]

Tel: 022-5967-2888

Fax: 022-5967-3666

Email: jacek@polyvalley.com.cn

Post code: 301702

Contact person: Jacek Yang

Export to: [REDACTED]

Country of Origin: China

Chemical uses: \

Section 2 - Hazards Identification

Fatalness grade: In accordance with Regulation (EC)No.1272/2008, the sample is divided into flammable article.

Invasion route: Skin contact: None.

Eye contact: May cause eye irritation.

Inhalation: May be harmful if inhaled.

Ingestion: May cause body discomfort.

Health hazards: No harm to human body.

Environment hazards: No known significant effects or critical hazards.

Burn & burst danger: The sample is flammable.

Section 3 -Composition/Information on Ingredient

Pure

Admixture

Composition:

Chemical Name	In % By Weight	CAS No.	EC No.
Polycarbonate	100	25037-45-0	1

Note: CAS No.: Chemical Abstract Service Registry Number.

EC No.: European Inventory of Existing Commercial chemical Substances Number.

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Section 4 - First Aid Measures

Skin contact: Remove contaminated clothing and rinse with soap and plenty of water.

Eyes contact: Be careful to rinse your eyes with water.

Inhalation: If inhaled, remove victim to fresh air. If breathing has stopped, give artificial respiration.

Ingestion: Never feed anything to an unconscious person. Rinse your mouth with water.

Section 5 - Fire Fighting Measures

Suitable extinguishing medium: Extinguish with water mist, alcohol - resistant foam, dry powder or carbon dioxide.

Improper extinguishing medium: No known information.

Specific hazard from chemicals: No particular combustion or explosion hazard.

Hazardous combustion products: No hazardous pyrolysis products are produced under normal storage and use conditions.

Fire-Fighting method & media: Wear self-contained breathing apparatus for firefighting if necessary.

Section 6 –Accidental Release Measures

Personnel protection measures, protective equipment and emergency disposal procedures: Avoid dust generation. Avoid inhalation of steam, mist or gas. For personal protection, see part 8.

Leak: Sweep and shovel. Place in a suitable closed container for disposal.

Section 7 - Handling and Storage

Handling: Provide adequate ventilation where dust generation is possible.

Storage: Store in the shade. Keep container airtight and store in dry and ventilated place.

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Section 8 - Exposure Controls and Personal Protection

Appropriate technical controls: Routine industrial hygiene practices.

Respiratory Protection: There is no need to protect breathing. If you need protective dust damage, please use the N95 (US) or P1 (EN 143) dust mask. Respirators are respirators and components that have been tested and passed government standards such as NIOSH (US) or CEN (EU).

Eyes Protection: Use eye protection equipment that has been tested and approved by official standards such as NIOSH (USA) or EN 166(eu).

Body Protection: Choose physical protection measures based on the type, concentration, and amount of hazardous substances, as well as the specific workplace. The type of protective equipment must be according to the specific quantity and the concentration of the hazards in the workplace.

Hands Protection: Wear resistant gloves.

Other Protections: Change working clothes in time. Maintain good hygiene.

Section 9 - Physical and Chemical Properties

Appearance: Flat.

Color: Ice

Smell: Unscented.

Boiling point: 550°C

Melting point: 230°C.

Flash point: 550°C.

Flashpoint: 442°C.

Density: 1.2g/cm³.

Vapour pressure: 6.56E-26mmHg at 25 °C.

Water Absorption: 0.35%.

Melt Volume Rate: 7cm³/10min.

Ignition temperature: 550°C.

Section 10 - Stability and Reactivity

Stability: Stable under normal temperature and pressure

Distribution of Ban: Strong oxidizer.

Conditions to Avoid: No data.

Hazardous Polymerization: No data.

Hazardous Decomposition Products: In the case of fire, will be broken down to form harmful substances, carbon oxide, carbon dioxide.

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Section 11 - Toxicological Information

Acute Toxicity: No known significant effects or critical hazards.

Sub-acute and Chronic Toxicity: No known significant effects or critical hazards.

Irritation: No known significant effects or critical hazards.

Sensitization: No known significant effects or critical hazards.

Mutagenicity: No known significant effects or critical hazards.

Carcinogenicity: No known significant effects or critical hazards.

Section 12 - Ecological Information

Eco-toxicity: No known significant effects or critical hazards.

Biodegradable: No known significant effects or critical hazards.

Non-biodegradable: No known significant effects or critical hazards.

Bioconcentration or biological accumulation: No known significant effects or critical hazards.

Other harmful effects: None.

Section 13 - Disposal Considerations

Nature of waste: Harmless waste.

Waste disposal methods: Dispose of the remaining and non-recyclable solutions to licensed companies.

Attention abandoned: None.

Section 14 - Transport Information

Category of dangerous goods: No specific data.

UN Number: No specific data.

Packaging Mark: No specific data.

Packaging Method: No specific data.

Type of Transportation: By air, sea, rail, road.

Transport Attentions: Please select the appropriate transportation means and the corresponding transportation and storage conditions according to the nature of the chemicals. The means of transport should be equipped with the corresponding variety and quantity of fire materials. And leakage of emergency equipment. If you choose road transportation, please follow the prescribed route. Do not transport with strong oxidizer.

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Section 15 - Regulatory Information

China's existing list of chemical substances (IECSC) : This substance has been included or exempted. Regulation (EC) No. 1272/2008 Classification, Labelling and Packaging of Substances and Mixtures.

Other requirements: Please note that waste disposal should also meet the requirements of local regulations.

Section 16 - Additional Information

On the basis of based on the data of the above information is correct, because this information could be used in situations where we have no control over, or has been changed, and we disclaim all responsibility for this. This information is configured if the recipient decides to have a proprietary purpose for the material.

Photo of Sample:



End of Report

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