

Material Safety Data Sheet (MSDS)

NO.: NKE20022500301A-E

Date: Mar. 02, 2019

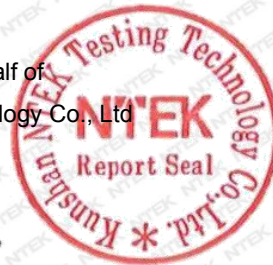
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Samples Name : Solar profile
Model : /
Product properties : Aluminum material
Client Name : SUZHOU TTERGY SOLAR TECHNOLOGY CO.,LTD
Address : NO.48 DONG CANG NORTH ROAD CHENGXIANG TOWN SUZHOU CITY JIANGSU PROVINCE

Signed for and on behalf of
Kunshan NTEK Testing Technology Co., Ltd



Compiled by:

Carrie

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Section 1 - Chemical Product and Company Identification

Product Name : Solar profile

Supplier : /

Address : /

Tel : /

Fax : /

Contact Person: /

Email : /

Section 2 - Hazards Identification

Dangerous Category: None

Invasion Route: Skin touch, Eyes touch, Inhalation, Ingestion

Health Hazards: No health hazard under normal use. If the product sticks to the skin during melting, it will cause burns.

Environment Hazards: May be harmful to the environment.

Burn&burst danger: No relevant information

Section 3 –Composition/Information on Ingredient

Product: consisting of the following components.

Chemical identity	CAS No.	EC No.	Concentration range(%)
Si	7440-21-3	231-130-8	0.412
Fe	7439-89-6	231-096-4	0.167
Cu	7440-50-8	231-159-6	0.029
Mn	7439-96-5	231-105-1	0.012
Mg	7439-95-4	231-104-6	0.535
Cr	7440-47-3	231-157-5	0.005
Ti	7440-32-6	/	0.006
Zn	7440-66-6	231-175-3	0.011
Al	7429-90-5	231-072-3	Balance

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Section 4 – First-aid Measures

4.1 Description of first- aid measures

Following skin contact: Wash off with plenty of soap and water.

Following eye contact: Wash eyes with water. If symptoms persist, consult your doctor.

Following inhalation: Quickly leave the site to fresh air. Keep respiratory tract unobstructed. If breathing is difficult, give oxygen. Seek medical advice.

Following ingestion: Drink enough warm water to induce vomiting. Seek medical advice.

Information for doctor: No information available.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

Section 5 – Fire-fighting Measures

5.1 Extinguishing media

Water, Carbon dioxide foam, Dry powder and Sand.

5.2 Special hazards arising from the substance or mixture

No information available.

5.3 Advice for firefighters

Firefighters must wear filtermask (full cover) or isolated respirator, wear whole body fire protective clothing, fire in the wind. As far as possible to open containers from fire.

Section 6 –Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Recommended emergency personnel wear self positive pressure respirator, wear protective clothing. As far as possible to cut off the source of leakage.

6.2 Environmental precautions

Keep spilled material out of sewers, ditches and bodies of water.

6.3 Methods and material for containment and cleaning up

Use non-sparking tools to collect in a dry, clean, covered containers. recycle or transport to waste treatment place for handling.

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6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Section 7 - Handling and Storage

7.1 Handling

Supply with sufficient partial air exhaust. The operating staff must have received special training and abide by the operating regulations. It is advised that the staff wear gloves. Keep away from fire and heating sources. No smoking in the workplace. Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling.

7.2 Conditions for safe storage, including any incompatibilities

Keep the sample in the cool and well-ventilated place. Keep away from fire and heating sources. Keep container closed. Equip with relevant types and quantities of the extinguishment instruments and devices for divulgence handling.

7.3 Specific end use(s)

No information available.

Section 8 - Exposure Controls and Personal Protection

Exposure controls

Appropriate engineering controls: To supply with sufficient partial air exhaust.

Respiratory protection: Wear dust protection.

Skin protection: Wear protective gloves.

Eye and face protection: Wear protective glasses.

Body protection: Wear protective clothing to prevent contact.

Environmental exposure controls: No information available.

Other protection: No smoking, dining and drinking water in the workplace. Keep good habit of hygiene.



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Section 9 - Physical and Chemical Properties

9.1 Information basic on physical and chemical properties

Appearance:	Solid
Colour:	Silvery
Odour:	No odor
pH-value:	NA
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	Not determined.
Flash point:	NA
Flammability (solid, gaseous):	NA
Self-igniting:	NA
Danger of explosion:	NA
Vapour pressure:	NA
Density:	NA
Solubility in/Miscibility with:	NA
Water:	Insoluble.
Partition coefficient (n-octanol/water):	Not determined.
Other information:	/

9.2 Additional information: tensile strength: 187MPA; yield strength: 152MPA; elongation: 11.4%; hardness: 11HW; sealing quality: 13mg /dm²

Section 10 - Stability and Reactivity

10.1 Reactivity

Stable under recommended storage and handling conditions (see section 7, handling and storage).

10.2 Chemical stability

Stable under normal conditions of use, storage and transport.

10.3 Possibility of hazardous reactions

No dangerous reactions known.

10.4 Conditions to avoid

High temperature, fire and moist

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10.5 Incompatible materials

Strong acid, strong alkali, strong oxidizer

10.6 Hazardous decomposition products

No information available.

Section 11 - Toxicological Information

Acute Toxicity: No information available.

Skin corrosion/irritation: No information available.

Serious eye damage/irritation: No information available.

Respiratory or skin sensitization: No information available.

Toxicokinetics, metabolism and distribution: No information available.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction): No information available.

Section 12 - Ecological Information

12.1 Toxicity

Aquatic toxicity: No information available.

12.2 Persistence and degradability

No information available.

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Other adverse effects

No information available.

Section 13 - Disposal Considerations

13.1 Waste treatment methods

Dispose in accordance with all applicable regional and local laws and regulations.

Section 14 - Transport Information

The packing should be complete and the loading should be stable. In the course of transportation, we should ensure that the container does not leak, does not collapse, does not fall, and does not damage. With no oxidant mixed mixed transport. In transit, insolation, rain, and high temperature should be prevented.



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Section 15 - Regulatory Information

Regulatory Information: GB/T 16483-2008 Safety data sheet for chemical products—Content and order of sections

GB 13690-2009 General rule for classification and hazard communication of chemicals

National Hazardous Waste List

GHS - Globally harmonized system of classification and labelling of chemicals, third revised edition.

Section 16 - Additional Information

References: N/A

The data in this Safety Data Sheet relates only to the specific material designated herein. This data is based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

MSDS Creation Date: Mar.02,2020

Photograph of Sample



End of Report

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Report statement:

- 1.The test report is invalid without the signature of the authorized person and the special seal of the report.
- 2.The sample and sample information are provided by the client, and the client shall be responsible for its authenticity. NTEK has not verified its authenticity.
3. The test result is only responsible for the test sample.
- 4.The test results or data in this report will be used only for education, scientific research, enterprise product development and internal quality control or other purposes.
- 5.Without the consent of the NTEK,Shall not copy any part of this report.

