

SAFETY DATA SHEET (SDS)

**Manufacturer:**

ÅngströmLap®

Product Name:

ÅngströmLap® Silicon Carbide Polishing Slurry - 0.5 kg. Bottle, 0.1µm (micron)

Manufacturer Part Number:

MT-SC3XL

▶ Click here for more details on the ÅngströmLap® Silicon Carbide Polishing Slurry - 0.5 kg. Bottle, 0.1µm (micron)

Safety Data Sheet

1. Chemicals and company information

Name of chemical product

Product name : MT- SC3XL

Provider information

Company name : Mipox Malaysia Sdn Bhd
Address : No. 7 & 9, Lintang Bayan Lepas 2,
Bayan Lepas Industrial Park Phase 4,
11900 Bayan Lepas, Penang, Malaysia.
Telephone number : +604 642 8371
Fax number : +604 642 8508
SDS number : MMS240007

2. Summary of hazards

GHS label elements

Classification : STOT (SE) – Cat 1
STOT (RE) – Cat 1
Carcinogenicity – Cat 1

Symbol :



Signal word : DANGER

Hazard statement : H350: May cause cancer.
H370: Causes damage to organs.
H372: Causes damage to organs through
prolonged or repeated exposure.

Precautionary statements

Prevention : P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have
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FA-676
Rev.00

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Data is subject to change without notice.
FOC last update 1/8/2026.

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been read and understood.

P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

P270: Do not eat, drink, or smoke when using this product.

P281: Use personal protective equipment as required.

First aid

: P307 + P311: IF exposed: Call a POISON CENTER or doctor/physician.

P308 + P313: IF exposed or concerned: Get medical advice/attention.

P314: Get medical advice/attention if you feel unwell.

P321: Specific treatment (refer to SDS section 4).

Storage

: P405: Store locked up.

Disposal

: P501: Dispose of contents/container to an approved waste disposal plant in accordance with local/ regional/ national/ international regulation.

3. Composition and ingredient information

Substance or mixture : Mixture

Component	CAS Number	PRTR-SDS Number	WT%
Acrylic polymer	Confidential	N/A	<1%
Silicon carbide powder	409-21-2	667	30 to 60%
DIW	7732-18-5	N/A	30 to 60%

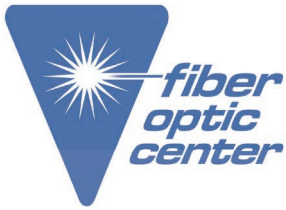
4. First-aid measures

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- Inhalation : If unconscious, place in recovery position and seek medical advice. If symptoms persist, call a medical doctor. Move to fresh air.
- Skin : Wash with plenty water. If skin irritation occurs, get medical advice /attention. Move person to fresh air; if effects occur, consult a physician.
- Eye : Hold eyelids open and flush with a steady, gentle stream of water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. Obtain prompt medical consultation, preferably from an ophthalmologist.
- Ingestion : If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

5. Measures in case of fire

Appropriate extinguishing media : Water fog or fine spray, dry chemical, foam, carbon dioxide or sand.

Extinguishing media that must not be used : No data available.

6. Measures in case of leakage

Personal precautions, protective equipment and emergency procedures : Use personal protective clothing. Avoid skin and eye contact.

Environmental precautions : Prevent from entering into soil, ditches, sewers, waterways and/or groundwater.

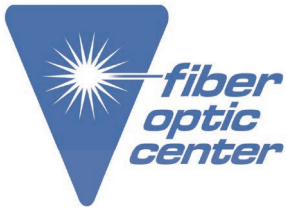
Containment and purification methods and equipment. Collection, neutralization and other purification methods and equipment. : Large spills: Dike area to contain spill. Pump into suitable and properly labeled containers.
Small spills: Dilute with water. Recover spilled material if possible. Absorb with

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materials such as: Non-combustible material, Sand or Remove with shovel. Collect in suitable and properly labeled containers.

7. Precautions for handling and storage

- Precautions for safe handling : No special measures necessary provided product is used correctly. Eating, drinking and smoking in work areas are prohibited. Wash thoroughly after handling.
- Conditions for safe storage : Keep container tightly closed and in a dry & cool place. Avoid freezing.

8. Exposure controls and protective measures

Exposure prevention

- Exposure limit value : No data available.
- General safety and hygiene measures : Handle in accordance with good industrial hygiene and safety practice.

Personal protective equipment

- Eye/Face protection : Use safety glasses.
- Skin protection : When prolonged or frequently repeated contact could occur, use protective clothing chemically resistant to this material. Selection of specific items such as boots, apron, or full-body suit will depend on the task.
- Respiratory protection : Use an approved respirator.
- Hand protection : Use chemical resistant protective gloves - butyl or nitrile rubber when prolonged or frequently repeated contact could occur. The determined penetration times are not performed under practical conditions. Therefore, a maximum wearing time, which corresponds to 50% of the penetration time is

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recommended. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

9. Physical and chemical properties

Appearance & physical state	: Green
Odour	: Mild
pH	: 5.0~8.0
Freezing point	: No data available
Boiling point	: No data available
Melting point	: No data available
Initial boiling point	: No data available
Boiling range	: No data available
Flash point	: No data available
Spontaneous ignition temperature	: No data available
Upper/lower flammability or explosive limits	: No data available
Vapour pressure	: No data available
Vapour density	: No data available
Specific gravity (relative density)	: No data available
Solubility	: No data available

10. Stability and reactivity

Condition to avoid	: Heat and direct sunlight
Incompatible materials	: No data available
Hazardous decomposition products	: No hazardous decomposition products if stored and handled as prescribed/ indicated.

11. Toxicological information

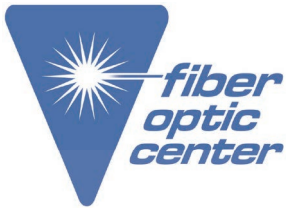
Acute toxicity	: No data available
Skin corrosion and irritation	: No data available
Severe eye damage or irritation	: No data available

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Respiratory sensitization or skin sensitization	: No data available
Germ cell mutagenicity	: No data available
Carcinogenicity	: No data available
Reproductive toxicity	: No data available
Specific target organ toxicity (STOT)-single exposure	: No data available
Specific target organ toxicity (STOT)-repeated exposure	: No data available
Aspiration toxicity	: No data available

12. Environmental impact information

Ecotoxicity	: No data available
Persistence / degradability	: No data available
Bioaccumulation	: No data available
Mobility in soil	: No data available
Hazardous to the ozone layer	: No data available

13. Disposal precautions

Safe and environmentally desirable disposal methods	: Dispose of contents/container in accordance with local/ regional/ national/ international regulation.
Proper disposal methods for containers and packaging	: Empty remaining contents. Dispose of as unused product. Do not reuse empty containers.

14. Transportation information

UNRTDG/ IATA-DGR/ IMDG-Code - not classified as a Dangerous Goods under transport regulations.

15. Regulatory information

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Japan Poisonous and Deleterious Substances List:

N/A

Japan CSCL:

Components	MITI no.
Silicon carbide	1-174

Japan PRTR-SDS Chemical Substances List:

Components	JPSN
Silicon carbide	667

This SDS has been prepared in accordance with the requirements of the OSHA (Classification, Labelling and Safety Data Sheet of Hazardous Chemicals), CLASS Regulations 2013 & Industry Code of Practice on Chemicals Classification and Hazard Communication 2014.

16. Other information

Date of preparation : 22/04/2024

Date of revision/version : Rev00

To the best of the manufacturer's knowledge, the information contained herein is accurate. However, neither the manufacturer, nor any of its affiliates, make any representations or warranties (expressed or implied), nor assumes any liability (including liability for any direct, incidental, consequential, or other damages) with respect to the accuracy or completeness of the information contained herein. Such information may be (without limitation) invalid if the specified material is used in combination with another, in a particular process, or under unusual conditions. Determination of suitability of any material for any given purpose is the sole responsibility of the user who assumes all risk and responsibility therefore.

All materials may present unknown hazards and should be used with appropriate caution. The manufacturer cannot and does not guarantee that the hazards described herein are the only ones that exist.

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