

Material Safety Data Sheet (MSDS)

OSHA Hazard Communication Standards (29 CFR 1910.1200) and HCS-2024

Data sheet No. : RTS260601Y02800T

Applicant information

Applicant : Artarch Ltd.
Address : No.7/8/9, In the Yard, 500m West to The Intersection of Maotiao Road and Yuhua Road, Jingwu Town, Xiqing District, Tianjin
Contact person : Yongwei Zhang
Telephone No. : 022-23988658

Sample information

Sample description : Sandpaper/sandpaper pointer/sanding block.
Color : Multicolor .
Data of reviewed : June 01, 2026
Date of issue : June 04, 2026
Service requirement: : Material Safety Data Sheet (MSDS) for the sample with submitted composition.
Summary : As per request, the contents and formats of the MSDS are prepared in accordance with OSHA Hazard Communication Standards (29 CFR 1910.1200).

This MSDS Service is Provided by RTS

Remarks:

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Signed for and on behalf of
Zhejiang RTS TEST CO., LTD.



BINBIN ZOU

Approved signatory



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Material Safety Data Sheet (MSDS)

OSHA Hazard Communication Standards (29 CFR 1910.1200) and HCS-2024

Section 1. Identification of the Substances/Preparation and of the Company/Undertaking

Product Details

Trade Name: Sandpaper/sandpaper pointer/sanding block.

End uses: sanding.

Unique Formula Identifier (UFI):None.

Nanofom: No

Net Weight : 1-1000g.

Manufacturer/Supplier: Artarch Ltd.

Address: No.7/8/9, In the Yard, 500m West to The Intersection of Maotiao Road and Yuhua Road, Jingwu Town, Xiqing District, Tianjin

Contact Person: Yongwei Zhang

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Information in Case of Emergency

Tel: 23988658

Contact Person: Guangyi Liu

Section 2. Hazards Identification

Classification of the substance or mixture

Product definition:Article.

Classification of the substance or mixture in accordance with OSHA Hazard Communication Standards (29 CFR 1910.1200) and HCS-2024.

The product is not classified as hazardous according to OSHA Hazard Communication Standards (29 CFR 1910.1200) and HCS-2024.

Label elements

Hazard pictograms : No pictogram is used.

Signal word : No signal word is used.

Hazard Statements : No hazard statement.

Precautionary statement:

Prevention None.

Response None.

Storage None.

Disposal None.

Results of endocrine disrupting properties assessment:

No data available.

Description of any hazards not otherwise classified

No information available.

Ingredient with unknown acute toxicity

No information available.

Section 3. Composition/Information on Ingredients

Description: This product is regarded as Article. Consist of the following ingredients:

<i>Components Name</i>	<i>CAS No.</i>	<i>Amount %</i>
<i>sandpaper pointer AA17600</i>		
<i>2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-oxiranhomopol</i>	<i>25085-99-8</i>	<i>8.00%</i>
<i>Silicon dioxide</i>	<i>7631-86-9</i>	<i>21.00%</i>
<i>blue paper</i>	<i>N/A</i>	<i>2.00%</i>
<i>paper</i>	<i>N/A</i>	<i>19.00%</i>
<i>Thin Medium Density Fiberboard (tMDF)</i>	<i>N/A</i>	<i>50.00%</i>
<i>sandpaperAA17901</i>		
<i>2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-oxiranhomopol</i>	<i>25085-99-8</i>	<i>47.00%</i>
<i>Silicon carbide</i>	<i>409-21-2</i>	<i>45.50%</i>
<i>Silicon dioxide</i>	<i>7631-86-9</i>	<i>5.50%</i>
<i>paper</i>	<i>N/A</i>	<i>2.00%</i>
<i>sandpaperAA17902</i>		
<i>2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-oxiranhomopol</i>	<i>25085-99-8</i>	<i>48.20%</i>
<i>Silicon carbide</i>	<i>409-21-2</i>	<i>44.80%</i>
<i>Silicon dioxide</i>	<i>7631-86-9</i>	<i>5.00%</i>
<i>paper</i>	<i>N/A</i>	<i>2.00%</i>
<i>sandpaperAA17903</i>		
<i>2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-oxiranhomopol</i>	<i>25085-99-8</i>	<i>42.80%</i>
<i>Silicon carbide</i>	<i>409-21-2</i>	<i>50.20%</i>
<i>Silicon dioxide</i>	<i>7631-86-9</i>	<i>5.00%</i>
<i>paper</i>	<i>N/A</i>	<i>2.00%</i>

<i>sandpaperAA17904</i>		
<i>2,2'-[(1-methylethylidene)bis(4,1-phenyleneoxymethylene)]bis-oxiranhomopol</i>	25085-99-8	46.00%
<i>Silicon carbide</i>	409-21-2	46.80%
<i>Silicon dioxide</i>	7631-86-9	5.20%
<i>paper</i>	N/A	2.00%
<i>sanding blockAA17908</i>		
<i>Silicon dioxide</i>	7631-86-9	7.00%
<i>poly(acrylic acid) macromolecul</i>	9003-01-4	24.00%
<i>1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with 1,6-diisocyanatohexane</i>	30322-28-2	52.00%
<i>aluminum oxide</i>	1302-74-5	17.00%
<i>sanding blockAA17909</i>		
<i>Silicon dioxide</i>	7631-86-9	5.00%
<i>poly(acrylic acid) macromolecul</i>	9003-01-4	25.00%
<i>1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, polymer with 1,6-diisocyanatohexane</i>	30322-28-2	50.00%
<i>aluminum oxide</i>	1302-74-5	20.00%

Section 4. First-Aid Measures

General advice: Consult a physician. Show this material safety data sheet to the doctor in attendance.

First aid Measures

Eye Contact: Wash opened eyes with plenty of water.

Skin Contact: Wash off with plenty of water and soap after handling.

Inhalation: No need for first aid is anticipated.

Ingestion: Rinse mouth with water. If symptoms occur, get medical advice.

Most important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11 .

Special treatment needed: No special medical attention measure required under normal condition.

Section 5. Fire-Fighting Measures

Flammability of Products: This product is incombustible.

Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Hazardous Combustion/Decomposition Products: No special fire hazard.

Special Protective Equipment for Firefighters: If necessary, Wear self-contained breathing apparatus and full protective suit for firefighting.

Further information: No data available

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures: No special personal precautions required.

Environmental precautions: No special measure required under normal condition.

Methods and materials for containment and cleaning up:

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Section 7. Handling and Storage

Handling

Advises on Safe Handling:

Keep away from flames and high temperatures.

Hygiene measures :

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. For precautions see section 2.

Storage

Requirements for Storage Rooms and Vessels: Keep in a dry and cool place. Keep away from open flames, hot surfaces.

Advice on Storage Compatibility: Store away from oxidizing agents.

Section 8. Exposure Controls/Personal Protection

Exposure Limits: Not established.

Engineering Control: Handle in accordance with good industrial hygiene and safety practice; Wash hands and face before breaks and at the end of work. See section 7 for information about design of technical facilities..

Personal Protective Equipment:

Respiratory Protection: Not necessary under normal and intended conditions.

For industrial applications, following protection required: Use positive pressure breathing mask if concentrations in air could exceed occupational exposure standard.

Eye Protection: Not necessary under normal and intended conditions.

For industrial applications, following protection required: Safety glasses with side-shields (frame goggles) (e.g. EN 166).

Skin Protection: Not necessary under normal and intended conditions.

For industrial applications, following protection required: Gauntlets, boots, bodysuit are recommended.

Hand Protection: Not necessary under normal and intended conditions.

For industrial applications, following protection required:

Protective gloves: Latex gloves, butyl rubber gloves (thickness > 0.11 mm, break through time approx. 480 min).

Thermal hazards: Not required under normal conditions of use. For industrial applications, following protection required: The gauntlets, boots, bodysuit and other personal protective equipment must be flame retardant and non-heat-conducting.

Environmental exposure controls: Control measures must be made in accordance with Community environmental protection legislation.

Hygiene Measures: *Not necessary under normal and intended conditions.*

Section 9. Physical and Chemical Properties

General Information	
Form:	<i>Solid .</i>
Color:	<i>multicolor .</i>
Odor:	<i>Odorless.</i>
pH:	<i>N/A</i>
Melting Point/Range:	<i>N/A</i>
Boiling Point/Range:	<i>N/A</i>
Ignition Temperature:	<i>N/A</i>
Flash Point:	<i>N/A</i>
Density :	<i>N/A</i>
Relative Vapor Density(Air=1):	<i>N/A</i>
Vapor Pressure:	<i>N/A</i>
Evaporation Rate & Reference:	<i>N/A</i>
Solubility in/Miscibility with Water:	<i>Insoluble in water.</i>
Kinematic viscosity (mm/s):	<i>N/A</i>
Particle characteristics:	<i>N/A</i>
Explosion Limits in Air - Upper :	<i>N/A</i>
Explosion Limits in Air - Lower:	<i>N/A</i>
Oxidizing properties:	<i>N/A</i>

Section 10. Stability and Reactivity

Stability: *Stable under normal temperature and pressure.*

Conditions to Avoid: *Open flame, excess heat.*

Materials to Avoid: *Strong oxidizing agents.*

Hazardous Decomposition Products: *No hazardous decomposition products under normal condition. In the event of fire:see section 5.*

Hazardous Polymerization: *Will not occur.*

Section 11. Toxicological Information

Acute Toxicity:*Based on available data, the classification criteria are not met.*

Serious Eye Damage/Eye Irritation: *Based on available data, the classification criteria are not met.*

Skin Corrosion/Irritation: *Based on available data, the classification criteria are not met.*

Respiratory or Skin Sensitization: *Based on available data, the classification criteria are not met.*

Germ Cell Mutagenicity: *Based on available data, the classification criteria are not met.*

Carcinogenicity: Carcinogenicity: Ba Oral

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or Respiration: Tumors. Skin and Appendages: Other: Tumors.

Carcinogenicity - Rat - Implant

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. **Tumorigenic:** Tumors at site or application. This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification.

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproduction Toxicity: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Single Exposure: Based on available data, the classification criteria are not met.

Specific Target Organ Toxicity - Repeated Exposure: Based on available data, the classification criteria are not met. **Aspiration Hazard:** Based on available data, the classification criteria are not met.

Endocrine Disrupting Properties Hazard: None of the ingredients is listed.

Other hazards: Avoid contamination of water bodies during clean up and disposal

Section 12. Ecological Information

General Information: No ecological consideration when used according to directions. Normal dilution of this product to drains, sewers, septic systems and treatment plants is not considered environmentally harmful.

Ecotoxicity: No hazards expected to environment under normal usage.

Mobility: No data available.

Persistence and Degradability: No data available.

Bioaccumulation: No data available.

Results of PBT and vPvB assessment PBT/vPvB assessment: Not available as chemical safety assessment not required/not conducted.

Endocrine Disrupting Properties: No data available.

Other adverse effects: No data available.

Section 13. Disposal Considerations

Waste treatment methods

Product

Small quantity can be disposed with household waste.

As in big quantity, recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company.

Observe according to the national and local related regulations.

Contaminated packaging

Disposed as unused product.

Section 14. Transport Information

Air Transportation (IATA/ICAO)

IATA-UN Number: Not classified for transport

IATA-Class: Not classified for transport

IATA-Shipping Name: Not classified for transport

IATA-Label: None

IATA-Packing Group: Not classified for transport

IATA-S.P.: None

IATA-ERG: None

ICAO/IATA – The product can be shipped by air in accordance with International Air Transport Association IATA/DGR 2026 (67th Edition). Do not damage or mishandle this package.

Marine Transportation (IMO/IMDG)

IMDG-Marine Pollutant: No

IMDG-UN Number: Not classified for transport

IMDG-Class: Not classified for transport

IMDG-Shipping Name: Not classified for transport

IMDG-Packing group: Not classified for transport

IMDG-Storage Category: Not classified for transport

Road Regulation (ADR/RID)

ADR-UN Number: Not classified for transport

ADR-Class: Not classified for transport

ADR-Shipping Name: Not classified for transport

ADR-Packing Group: Not classified for transport

Suggestion according to IMO IMDG Code

The product is not subject to IMO IMDG Code.

Special precautions for user

Further information: *Not classified as dangerous in the meaning of transport regulations.*

Transport in bulk according to IMO instruments

No data available

Section 15. Regulatory Information

OSHA: *OSHA Hazard Communication Standard Status: This product is not considered to be a hazardous substance under OSHA ' s Federal Hazard Communication Standard 29 CFR 1910.1200.*

US Federal Regulations

USA SARA

SARA 313 Components (Specific toxic chemical listings)

SARA 313: *This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.*

SARA 311/312 Hazard Categories

Chronic Health Hazard :No
Fire Hazard: No
Sudden release of pressure hazard :No
Reactive Hazard :No

Section 16. Other Information

Abbreviations:

RID – Regulations Concerning the International Carriage of Dangerous Goods by Rail
ICAO –International Civil Aviation Organization
CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds
ACGIH – The American Conference of Governmental Industrial Hygienists
IMO – International Marine Organization
OSHA- Occupational Safety and Health Administration
NTP – National Toxicology Program
ADR –Agreement on Dangerous Goods by Road
IARC- International Agency for Research on Cancer
pH - Relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline
IMDG - International Maritime Dangerous Good
IATA –International Air Transport Association
LC50- Lethal Concentration 50%
LD50- Lethal Dose 50%
EC50- Effective Concentration 50%

Further Information:

-This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
·This Material Safety Data Sheet complies with the requirements of OSHA's Federal Hazard Communication Standard 29 CFR 1910.1200, UN GHS Rev.10 and HCS-2024.

Department Issuing MSDS: Artarch Ltd.

Issue Date: June 04, 2026

***** End of The MSDS *****