

# Pool Maxx Glass Filter Media

## MATERIAL SAFETY DATA SHEET (MSDS)

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Product name                      Pool maxx Glass Filter Media  
Product code                      -

#### 1.2. Recommended Use Uses advised against

1.2.1. Relevant identified uses of the substance or mixture and uses advised against: No further relevant information available.  
Application of the substance / the preparation: Coatings

#### 1.3. Details of the supplier of the safety data sheet

**ZYAX Chem LLP**  
3rd Floor, Kamer Building,  
38 Cawasji Patel Street, Fort,  
Mumbai - 400001, India.  
Contact No: +91 8779240420  
info@zyax.in - www.zyax.in

#### Emergency telephone number

Emergency number            : +91 22 2757 3899

### SECTION 2: Hazards identification

Not a hazardous substance or mixture.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Unit	Composite
SiO <sub>2</sub>	%	71.93
CaO	%	8.62
Al <sub>2</sub> O <sub>3</sub>	%	0.96
MgO	%	3.85
SO <sub>3</sub>	%	0.22
Na <sub>2</sub> O	%	14.04
Specific Gravity	g/ml	2.43
Bulk Density	g/cm <sup>3</sup>	1.34

CAS No : 14808-60-7

### SECTION 4: FIRST AID MEASURES

#### If inhaled:

Move to fresh air in case of accidental inhalation of dust or fumes  
form overheating or combustion. If symptoms persist, call a physician.

**In case of skin contact :** If the molten material gets on skin , quickly cool in water .  
Seek immediate medical attention. Do not try to peel the solidified material from  
the skin or use solvents or thinners to dissolve it.

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**In case of eye contact :** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice .

If  
**swallowed :** Do not induce vomiting without medical advice

### SECTION 5: Firefighting measures

Flash point	No data available.
Autoignition temperature	No data available.
Suitable extinguishing media	Water. Water mist. Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Foam. If possible, water should be applied as a spray from a fogging nozzle since this is a surface burning material. The application of high velocity water will spread the burning surface layer. Avoid the use of straight streams that may create a dust cloud and the risk of a dust explosion. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards during fire fighting	Risks of ignition followed by flame propagation or secondary explosions can be caused by the accumulation of dust, e.g. on floor and ledges.
Special protective equipment for fire fighters	Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.
Further information	This material will burn although it is not easily ignited.
Fire and explosion protection	Treat as a solid that can burn. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.
Hazardous decomposition products	normal combustion forms carbon dioxide, water vapor and may produce carbon monoxide, other hydrocarbons and hydrocarbon oxidation products depending on temperature and air availability.

### SECTION 6: Accidental release measures

Personal precautions	Sweep up to prevent slipping hazard. Avoid breathing dust. Avoid dust formation.
Environmental precautions	Do not contaminate surface water. Prevent product from entering drains.
Methods for cleaning up	Clean up promptly by sweeping or vacuum.
Additional advice	Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air .

### SECTION 7: HANDLING AND STORAGE

#### Advice on safe handling

Use good housekeeping for safe handling of the product. Keep out of water sources and sewers .Spilled pellets and powders may create a slipping hazard. Electostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient. Following all recommendations within this SDS should minimize exposure to thermal processing emissions.

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### Advice on protection against fire and explosion

Treat as a solid that can burn. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

### Storage

#### Requirements for storage areas and containers

Keep in a dry place. Keep in a well-ventilated place

#### Advice on common storage.

Do not store together with oxidizing and self-igniting products.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Engineering measures

Consider the potential hazards of this material, applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

### Personal protective equipment

#### Respiratory protection

wear an appropriate respirator. Use the following elements for air-purifying respirators: Organic Vapor and Formaldehyde. Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection. Dust safety masks are recommended when the dust concentration is excessive.

#### Eye protection

Use of safety glasses with side shields for solid handling is good industrial practice. If there is potential for dust, use chemical goggles.

#### Skin and body protection

At ambient temperatures use of clean and protective clothing is good industrial practice. If this material is heated, wear insulated clothing to prevent skin contact if engineering controls or work practices are not adequate.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance

Form	Granular
Physical state	Solid
Color	Opaque
Odor	Mild to no odor
Odor Threshold	No data available

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### Safety data

Flash Point	No data available
Lower explosion limit	Not applicable
Upper explosion limit	No data available
Autoignition temperature	No data available
Thermal decomposition	Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing.
pH	Not applicable
Melting point/range	600-800 °C
Freezing point	Not applicable
Initial boiling point and boiling range	Not applicable
Vapor pressure	Not applicable
Relative density	Not applicable
Density	1.34 g/cm <sup>3</sup>
Water solubility	Negligible
Solubility in other solvents	No data available
Viscosity, dynamic	Not applicable
Viscosity, kinematic	Not applicable
Relative vapor density	Not applicable
Evaporation rate	Not applicable

### SECTION 10: STABILITY AND REACTIVITY

#### Reactivity

This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure.

#### Chemical stability

This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.  
Possibility of hazardous reactions

#### Conditions to avoid

Avoid prolonged storage at elevated temperature.

#### Materials to avoid

Avoid contact with strong oxidizing agents.

#### Thermal decomposition

Low molecular weight hydrocarbons, alcohols, aldehydes, acids and ketones can be formed during thermal processing.

#### Hazardous decomposition products

Normal combustion forms carbon dioxide, water vapor and may produce carbon monoxide, other hydrocarbons and hydrocarbon oxidation products (ketones, aldehydes, organic acids) depending on temperature and air availability. Incomplete combustion can also produce formaldehyde.

#### Other data

No decomposition if stored and applied as directed.

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## Safety Data Sheet

### SECTION 11: TOXICOLOGICAL INFORMATION

Acute oral toxicity  
Acute inhalation toxicity  
Skin irritation  
Eye irritation  
Sensitization  
Further information

Presumed Not Toxic  
Presumed Not Toxic  
No skin irritation  
No eye irritation  
Did not cause sensitization on laboratory animals.  
Generally these irritant effects are all transitory. However, prolonged exposure to irritating off-gases can lead to pulmonary edema. Formaldehyde (an aldehyde) has been classified as a carcinogen based on animal data and limited epidemiological evidence.

### SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity effects  
Elimination information (persistence and degradability)

Bioaccumulation  
Does not bioaccumulate.

Mobility  
The product is insoluble and sinks under water.

Biodegradability  
This material is not expected to be readily biodegradable.  
Ecotoxicology Assessment

Additional ecological information  
This material is not expected to be harmful to aquatic organisms., Fish or birds may eat pellets which may obstruct their digestive tracts.

### SECTION 13: DISPOSAL CONSIDERATIONS

The information in this SDS pertains only to the product as shipped. Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

### SECTION 14: TRANSPORT INFORMATION

Transport may be regulated in some countries, although the product is not generally regarded as a transport hazard. Not classified as radioactive pursuant to paragraph 107 of IAEA TS-R-1 regulations. Trucks should be covered when transporting dry bulk product to prevent dust generation.

### SECTION 15: REGULATORY INFORMATION

Notification status  
Europe REACH  
China IECSC

On the inventory, or in compliance with the inventory  
On the inventory, or in compliance with the inventory

### SECTION 16: OTHER INFORMATION

Further information Significant changes since the last version are highlighted in the margin. This version replaces all previous versions. The information in this SDS pertains only to the product as shipped. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Key or legend to abbreviations and acronyms used in the safety data sheet