

Material Safety Data Sheet

RENACON AAC BLOCKS

Safety data sheet dated: 06.04.2023 - Version 1

Date of first edition: 29.06.2022



1. IDENTIFICATION OF THE PRODUCT AND NAME OF THE COMPANY/UNDERTAKING

TRADE NAME : **Renacon AAC Blocks**

MANUFACTURER'S NAME : RENAATUS PROCON PRIVATE LIMITED
No:156, Mullamparapu,
N.G. Palayam (Post)
Erode-638115
Tel: +91 73738 73738

Recommended use of the chemical and restrictions on use

Recommended use : Building material

Restrictions on use : Not Available

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Article is not subject to classification/labelling requirements.

Signal Word: None

Hazard Statements: None

2.2 Other hazards

During handling and storage of the product dust formation has to be avoided.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Coal fly ash	EC / List No.: 268-627-4 CAS No.: 68131-74-8	60-75 %	NA
Silica Sand (Fine)	EC / List No.: 238-878-4 CAS No.: 14808-60-7	25- 40 %	Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008
Additives	NA	0-5 %	NA

4. FIRST AID MEASURES

Emergency first aid procedures by route of exposure:

In case of skin contact: If irritation is experienced, flush with water. If irritation persists, get medical attention.

In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.

If inhaled: Consult a physician immediately and show him the packing or label.

5. FIRE FIGHTING MEASURES

Renacon AAC Blocks are inflammable.

Use appropriate extinguisher in the case of fire at the surroundings.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment, and emergency procedures:

Use personal protective equipment.

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapors/dusts/aerosols.

Evacuate personnel to safe areas.

Provide adequate ventilation.

Keep unnecessary personnel away.

6.2 Environmental precautions:

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains

6.3 Methods and materials for containment and cleaning up:

Take up mechanically and dispose of according to local / national regulations.

Scoop into containers and seal for disposal

Retain contaminated washing water and dispose it.

6.5 Further Information:

Dispose of all wastes in accordance with local / national regulations.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Precautions for safe handling

: Comply with the legal requirements.

Remove contaminated clothing immediately.

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Do not discharge the waste into the drain.

Avoid contact with skin and eyes, inhalation of vapors and mists.

Observe normal hygiene standards.

Hygiene measures

: Wash exposed skin thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures	: Always keep in a well-ventilated place. Keep away from food, drink and feed.
Incompatible materials	: None in Particular
Prohibitions on mixed storage	: None in Particular
Storage area	: Cool and adequately ventilated.
Conditions for safe storage	: Keep panels covered in protective wrap on transport pallets until ready for use. Pallets must be placed on flat ground.
Advice on safe handling	: Do not breathe vapors or spray mist. Do not get in eyes. Avoid prolonged or repeated contact with skin. Handle in accordance with good industrial hygiene and safety practice.
Materials to avoid	: None in Particular

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide local exhaust or general room ventilation.

Personal protective equipment : Safety glasses. Gloves. Helmets, Protective clothing, etc.

Materials for protective clothing : GIVE EXCELLENT RESISTANCE: butyl rubber. viton.
GIVE GOOD RESISTANCE: neoprene. tetrafluoroethylene.
GIVE LESS RESISTANCE: nitrile rubber. polyethylene.
GIVE POOR RESISTANCE: natural rubber. PVA. PVC.

Eye/face protection : Face shield and safety glasses. Use close fitting safety goggles, don't use eye lens

Skin and body protection : Protective clothing.

Respiratory protection : Personal Protective Equipment should comply with relevant CE standards (as EN ISO 374 for gloves and EN ISO 166 for goggles), correctly maintained and stored. Consult the supplier to check the suitability of equipment against specific chemicals and for user information. A dust mask (P2) should be worn if above exposure limits (EN 149). Use respiratory protection where ventilation is insufficient or exposure is prolonged.

Other information : Do not eat or drink while working.

8.3 Appropriate engineering controls

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Solid blocks
Material Family	: Blocks/Masonry Units
Color	: Off White
Odor	: None
pH	: No data available
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: No data available
Flash point	: No data available
Evaporation rate	: No data available
Flammability (solid, gas)	: Not applicable
Upper explosion limit	: No data available
Lower explosion limit	: No data available
Vapor pressure	: No data available
Relative vapor density	: No data available
Density	: 0.500 to 0.600 g/cm ³
Solubility in water	: <5 g/l
Partition coefficient: n-octanol/water	: Not applicable
Autoignition temperature	: No data available
Decomposition temperature	: The block is not classified self-reactive.
Explosive properties	: Not explosive
Oxidizing properties	: The block is not classified as oxidizing.

10. STABILITY AND REACTIVITY

Reactivity	: Not classified as a reactivity hazard.
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: None
Conditions to avoid	: Stable under normal conditions.
Incompatible materials	: No data available
Hazardous decomposition Products	: No hazardous decomposition products are known.

11. TOXICOLOGICAL INFORMATION

Renacon AAC Block is not a toxic product.

12. ECOLOGICAL INFORMATION

12.1 Toxicity

No data Available

12.2 Persistence and degradability

The methods for determining the biological degradability are not applicable to inorganic substances.

12.3 Bio accumulative potential

No data Available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects

Additional ecological information

No data available

13. DISPOSAL INFORMATION

Dispose of waste and residues in accordance with local authority requirements.

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations

14.1 Transport hazard class(es)

Not available

14.2 Packaging group

Not available

14.3 Environmental hazards

Marine pollutant: No

Environmental Pollutant: Not available

14.4 Special precautions for user

No data available

15. REGULATORY INFORMATION

15.1 Safety, health, and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment

For this product, a chemical safety assessment was not carried out

16. OTHER INFORMATION

Document No.: REN/R&D/ERD/MSDS/S0004-V1

Date of issue: 06.04.2023

Replaces: VO dated 29.06.2022

Revised Section(s): Header

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Renaatus Procon Private Limited shall not be held liable for any damage resulting from handling or from contact with the above

product. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Further information

Full text of other abbreviations

AAC	: Autoclaved Aerated Concrete
CLP	: Regulation for "Classification, Labelling and Packaging
CAS	: Chemical Abstracts Service (division of the American Chemical Society)
EN	: European Norm (Standard)
ISO	: International Organization for Standardization (Standard)
PBT	: Persistence, Bioaccumulation, and Toxicity.
vPvB	: Very Persistent and very Bio-accumulative

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For further information please contact, marketing@renacon.in.