



Material Safety Data Sheet

Material Safety Data Sheet

STARCEM 2K

Part A

Rev.: A, Date: 25.06.2025

STARCEM 2K



The enclosed Material Safety Data Sheet (MSDS), provides the latest information of products you have received from our company. Since you may redirect the product to more than one workplace, please be ensured that this information is disseminated to all person's handling the product.

This MSDS, supersedes all previous sheets versions provided for the products. This version has either been revised since the last time you purchased the product. Replacement of an old version is highly recommended.

Our MSDS, is the primary awareness tool for transmitting the health and safety, environment and disposal information on our products. In fact, our highest concern and priority is that our customer understands the nature of hazards associated with the product, how to use it safely and in compliance with relevant regulations.

STAR Technology, expects and highly recommends you to read and understand carefully the entire MSDS. There are some very significant information and guidelines you should know and be taken seriously. Strictly, follow the precautions identified and stated on this MSDS. Otherwise, you use conditions would necessitate other's appropriate methods or actions.

STAR Technology, will not be liable for any MSDS obtained through other sources. Always ask STAR for an updated copy of MSDS, for assurance. Should you need any clarifications or inquiries regarding the safety handling, correct storage, proper uses and legal disposal of our products; dont hesitate to contact us.

1. Product & Use & Manufacturer Address

1.1			Product Name	:	STARCEM 2K
1.2			Uses of Product	:	Cementitious Waterproofing Coating – Part A (Powder)
1.3			Company	:	STAR Technology 1 st Industrial Area Jeddah, P.O. Box , Jeddah, Kingdom of Saudi Arabia Tel: +966 Fax: +966 Email:

2. Hazardous Ingredients

2.1 Chemical Composition

Chemical	Weights	CAS Number
Ordinary Portland Cement	25 – 45	65997 – 15 – 1
Additives	0 – 5	Propriatry
Silica Sand	30 – 60	2505 - 10

STARCEM 2K



All ingredients of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempted.

HS Code: 3824.50

3. Hazardous Identification

3.1	Symbols	Xi, Irritant.
3.2	Risk Phrases	R38, Irritation to skin. R41, Risk of serious damage of the eyes
3.3	Safety Phrases	S2, Keep out of reach of children. S22, Do not breathe dust. S24/25/26, Avoid contact with eyes. In case of contact, rinse immediately plenty of water and seek for medical assistance. S37/39, Wear suitable gloves and eye/face protection gear. S46, If swallowed seek for medical assistance

4. First Aid Measures

4.1	Eye Contact	Rinse immediately with plenty of water until irritation subsides. Contact a physician for medical advice.
4.2	Skin Contact	Wash thoroughly with soap and water. If symptoms persist, contact a physician for medical advice.
4.3	Inhalation	Bring the affected person to a place with fresh air.

5. Fire Fighting Measures

5.1	Flash Point	None.
5.2	Lower Explosive Limit	None.
5.3	Upper Explosive Limit	None.
5.4	Auto-Ignition Temperature	None.
5.5	Unusual Fire & Explosion Hazards	Unknown.

STARCEM 2K



6. Accidental Release Measures

6.1	Personal Precautions	Wear suitable protective clothing, hand impervious gloves, eye/face protection gear and protective footwear like rubber boots.
6.2	Environmental Precautions	Prevent entry into drains, sewers and any other water courses.
6.3	Decontamination Procedures	Avoid creating dust in the atmosphere. Gather into containers.

7. Handling and Storage

7.1	Handling	Use adequate ventilation. Avoid creating and breathing dust. Avoid prolonged and repeated contacting with eyes and skin.
7.2	Storage	Store in shaded and dry place. Keep bags closed when not in use. Keep from freezing and storage temperature between 10 – 35 degrees Celsius. Keep out of reach of children.

8. Exposure Controls / Personal Protection

8.1	Engineering Control Measures	Good mechanical ventilation and local exhaust.
8.2	Respiratory Protection	Adequate ventilation, wearing a mask supplied with dust filter is highly needed.
8.3	Eye Protection	Use standardized safety glasses with side shields is highly recommended.
8.4	Skin Protection	Hand impervious gloves is highly needed when prolonged and repeated contacting with skin. For short time contact, wear protective gloves made from polychloroprene with an inner layer of cotton. In case of longer and repeated contact, please note that in practice, the penetration times may be considerably shorter than those determined accordingly to EN374. The protective gloves must always be checked for their suitability for use at the specific workplace. The information provided by the manufacturers and given in the relevant trade association regulations for industry safety must always be observed. We recommend that a hand care plan is drawn up cooperation with glove manufacturer and the trade association in accordance with the local operating conditions.
8.4	Ingestion	Maintain good personal hygiene. Do not eat and store foods in working area. Wash hands before eating, drinking and even smoking.

STARCEM 2K



9. Physical and Chemical Properties

9.1	Physical State	Powder
9.2	Color	Grey or White
9.3	Odor	Odorless.
9.4	Boiling Point/Range	N/A
9.5	Melting Point	N/A
9.6	Flash Point	None
9.7	Auto Flammability	None flammable
9.8	Explosive Properties	Not explosive
9.9	pH	>11 (wet state after mixing with water).
9.10	Dry Bulk Density (20 °C)	1.5 ± 0.1 kg./L.

10. Stability and Reactivity

10.1	Stability	Stable under recommended storage conditions.
10.2	Conditions to Avoid	Exposure to air, sunshine and contamination with water.
10.3	Materials to Avoid	Strong acids.
10.4	Hazardous Decomposition Products	None.

11. Toxicological Information

11.1	On Eyes	Irritating and may injure eye tissue if not removed promptly. Abrasive material - may cause damage to eyes.
11.2	On Skin	Irritation. See "chronic" effects.
11.3	By Inhalation	Irritating to respiratory system. Inflammation of the Nasal mucous membrane by exposure to cement dust
11.4	By Ingestion	May cause irritation of mouth, throat and digestive tract
11.5	Chronic	Cement, cementitious grouts and mortars are known to Cause both irritant and allergic contact dermatitis. Prolonged skin contact can result in chemical burns.

12. Ecological Information

12.1	Environmental Assessment	When used and disposed of as intended, no adverse environmental effects are foreseen.
------	--------------------------	---



Rev.: A, Date: 25.06.2025



STARCEM 2K



12.2	Mobility	Insoluble in water.
12.3	Persistence and Degradability	Not readily biodegradable.
12.4	Bio-accumulative Potential	Not expected to be bio-accumulative.
12.5	Eco-toxicity	Not expected to be eco-toxic to fish/daphnia/algae

13. Disposal Considerations

Waste Management / Disposal: Disposal must be in accordance with the local and national legislation. According to an International Definition authorities, this product does not meet or classified containing hazardous waste.

14. Transport Information

This product is not classified as dangerous or hazardous to transport.

15. Regulatory Information

Hazard Label Data:

15.1	Symbols	Xi, Irritant.
15.2	Risk Phrases	R38, Irritation to skin. R41, Risk of serious damage of the eyes
15.3	Safety Phrases	S2, Keep out of reach of children. S22, Do not breathe dust. S24/25/26, Avoid contact with eyes. In case of contact, rinse immediately plenty of water and seek for medical assistance. S37/39, Wear suitable gloves and eye/face protection gear. S46, If swallowed seek for medical assistance immediately and show this container or level

STARCEM 2K



Material Safety Data Sheet

STARCEM 2K

Part B

Date: 8 July 2025

Material Safety Data Sheet – STARCEM 2K



Rev.: A, Date: 25.06.2025



STARCEM 2K



1. Product & Use & Manufacturer Address

1.1	Product Name	: STARCEM 2K
1.2	Uses of Product	: Cementitious Waterproofing Coating – Part B (Liquid)
1.3	Company	: STAR Technology 1 st Industrial Area Jeddah, P.O. Box , Jeddah, Kingdom of Saudi Arabia Tel: +966 Fax: +966 Email:

2. Hazardous Ingredients

2.1 Chemical Composition

Chemical	Weights	CAS Number
Styrene Acrylic Polymer	100	Proprietary
HS Code: 3905.91		

All ingredients of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempted.

3. Hazardous Identification

According to EEC Directives 67/548/EEC, this product is classified as non-hazardous.

4. First Aid Measures

4.1	Eye Contact	Rinse immediately with plenty of water until irritation subsides. Contact a physician for medical advices.
4.2	Skin Contact	Wash thoroughly with soap and water. If symptoms persists, contact a physician for medical advices.

STARCEM 2K



4.3	Inhalation	Bring the affected person to a place with fresh air.
4.4	Ingestion	Wash out mouth with water. Do not induce vomiting. Obtain medical attention.

5. Fire Fighting Measures

5.1	Suitable Extinguishing Media	Carbon dioxide, powder, foam or water. Do not use water jets.
5.2	Special Exposure Hazards	Material can splatter above 100°C. Polymer fil can burn. Irritant fumes.
5.3	Special Protective Equipment	Self-contaminated breathing apparatus.

6. Accidental Release Measures

6.1	Personal Precautions	Wear suitable protective clothing, hand impervious gloves, eye/face protection gear and protective footwear like rubber boots.
6.2	Environmental Precautions	Prevent entry into drains, sewers and any other water courses.
6.3	Decontamination Procedures	Avoid creating dust in the atmosphere. Gather into containers.

7. Handling and Storage

7.1	Handling	Use adequate ventilation. Avoid creating and breathing dust. Avoid prolonged and repeated contacting with eyes and skin.
7.2	Storage	Store in shaded and dry place. Keep bags closed when not in use. Keep from freezing and storage temperature between 10 – 35 degrees Celsius. Keep out of reach of children.

8. Exposure Controls / Personal Protection

8.1	Engineering Control Measures	Good mechanical ventilation and local exhaust.
8.2	Respiratory Protection	Adequate ventilation, wearing a mask supplied with dust filter is highly needed.
8.3	Eye Protection	Use standardized safety glasses with side shields is highly recommended.
8.4	Skin Protection	Hand impervious gloves is highly needed when prolonged and repeated contacting with skin.
8.4	Ingestion	Maintain good personal hygiene. Do not eat and store foods in working area. Wash hands before eating, drinking and even smoking.

STARCEM 2K



--	--	--

9. Physical and Chemical Properties

9.1	Physical State	Liquid
9.2	Color	White
9.3	Odor	Slight
9.4	Boiling Point/Range	100 °C
9.5	Melting Point	N/A
9.6	Flash Point	None
9.7	Auto Flammability	None flammable
9.8	Explosive Properties	Not explosive
9.9	pH	4.5 – 5.5
9.10	Dry Bulk Density	1.8 ± 0.1 kg./L.

10. Stability and Reactivity

10.1	Stability	Stable
10.2	Conditions to Avoid	Temp < 2°C
10.3	Materials to Avoid	Unknown
10.4	Hazardous Decomposition Products	Thermal decomposition. Oxides of carbon

11. Toxicological Information

The following toxicological assessment is based on a knowledge of the toxicity of the products' components. Oral LD₅₀, rat >5000 mg/kg. Dermal LD₅₀, rat/rabbit >5000 mg/kg.

11.1	On Eyes	May cause transient eye irritation.
11.2	On Skin	Unlikely to irritate on brief or occasional exposure.
11.3	By Inhalation	Low volatility makes inhalation unlikely at ambient temperatures.
11.4	By Ingestion	May cause irritation of mouth, throat and digestive tract.
11.5	Chronic	Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract.

12. Ecological Information

12.1	Environmental Assessment	When used and disposed of as intended, no adverse environmental effects are foreseen.
12.2	Mobility	Mobile liquid, emulsifiable in water.
12.3	Persistence and Degradability	Inherently biodegradable.
12.4	Bio- accumulative Potential	Not expected to be bio-accumulative.
12.5	Eco-toxicity	Not expected to be eco-toxic to fish/daphnia/algae.

STARCEM 2K



13. Disposal Considerations

Waste Management / Disposal: Disposal must be in accordance with the local and national legislation. According to an International Definition authorities, this product does not meet or classified containing hazardous waste.

13.1	Unused Product	Dispose of in an approved manner. Do not empty into drains, sewers or water courses.
13.2	Used/Contaminated Product	As for Unused product.
13.3	Packaging	The method of disposal must be acceptable to the local authority.

14. Transport Information

This product is not classified as dangerous or hazardous to transport.

15. Regulatory Information

Hazard Label Data:

15.1	Safety Phrases	Do not use in closed areas. Do not breathe dust and avoid contacting with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye protection. S24/25/26, Avoid contact with eyes. In case of contact, rinse immediately plenty of water and seek for medical assistance.
------	----------------	---

16. Other Information

The data and advice given apply when the product is used for the stated applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet.

The product should not be used other than for the stated applications without seeking advices from STAR Technology. If this product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken. This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this MSDS can be obtained from STAR Technology.

STARCEM 2K



Material Safety Data Sheet – STARCEM 2K



Rev.: A, Date: 25.06.2025

