

Material Safety Data Sheet		
Product Name : Silkon Supermix PC450		
MSDS No. : MSDS/SAIPL/19	Version No.: 02	Effective Date: 01/06/2020
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1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION OF THE COMPANY/UNDERTAKING

Product Name: **Supermix PC450**
Application : Concrete admixture.
Company : **Silkon Additives India Pvt. Ltd.**
Address : 622-P, Sector-38, Gurugram HR-122001
Tel.No. : 18001236299 / 9717887038-----

2: COMPOSITION/INFORMATION ON INGREDIENTS

Substance Preparation
- Chemical nature: Polycarboxylate (modified) in water
Hazardous Components: Not classified as hazardous
None of the ingredients of this product are classified as hazardous.

3: HAZARDS IDENTIFICATION

No significant hazard.

4: FIRST AID MEASURES

Eyes: Irrigate immediately with copious quantities of water for several minutes.
Obtain medical attention if irritation persists.
Skin: Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.
Inhalation: Remove from exposure - unlikely to occur.
Ingestion: Wash out mouth with water. DO NOT induce vomiting. Obtain medical attention.

5: FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray, dry extinguishing media, foam, carbon dioxide.

Special Protective Equipment: In case of fire, wear a self contained breathing apparatus. If product is involved in fire, keep containers cool by spraying with water if exposed to fire.

6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Pick up immediately as product renders floors slippery.

Environmental Precautions: Prevent entry into drains, sewers and water courses.

Methods for cleaning up: Soak up with inert absorbent or contain and remove by best available means. Dispose off as waste.

7: HANDLING AND STORAGE

Handling : No special measures necessary.

Storage : No special measures necessary. Protect from frost.

8: EXPOSURE CONTROLS/PERSONAL PROTECTION

General safety and hygiene measures : The usual precautions for the handling of chemicals must be observed.

Eye protection :Tightly fitting safety goggles.

Personal Protective Measures : Impervious gloves (e.g. PVC). Safety glasses/goggles.

Change contaminated clothing and clean before re-use.

9: PHYSICAL AND CHEMICAL PROPERTIES



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Physical State : Liquid
Colour : Light yellow
Odour : Product specific
pH : Min 6
Boiling Point/Range (o C) : >100oC
Flash Point (closed) (o C) : >100oC
Explosive Properties(%) : Not applicable
Relative Density : 1.10 + 0.02
Water Solubility : Unlimited.

10: STABILITY AND REACTIVITY

Stability : Stable.
Materials to Avoid : Iron.
Hazardous Decomposition Products : At high temperature, thermal decomposition giving flammable products: Acrylates, acrylic acid.

11: TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the product's components.

Oral
LD50/oral/rat : >2000mg/kg.

Health Effects

On Eyes: Primary mucous membrane irritation/rabbits' eyes OCDE 405 : non irritant.

On Skin: Primary skin irritation/rabbit/OCDE 404 : non irritant.

12: ECOLOGICAL INFORMATION

Elimination Information: Test method : OECD 301A/ISO 7827.

Method of analysis : DOC reduction.

Degree of elimination : < 10%.

Evaluation : not readily biodegradable.

Behaviour and Environmental Fate: Inhibition of degradation activity in activated sludge is not to be anticipated during correct introduction of low concentrations.



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Ecotoxicity: Toxicity to fish : LC 50 (96 h) / Brachydanio rerio/ : > 100 mg/L.

Toxicity to bacteria, > 100 mg/L

Toxicity to daphnia : EC50 (48h) : > 100 mg/L

Toxicity to algae : EC50 (72h) : > 100 mg/L

13: DISPOSAL CONSIDERATIONS

Disposal must be in accordance with local and national legislation.

Unused Product: Must be dumped or incinerated in accordance with local regulations.

Recycle if possible.

Packaging: Destroy packaging by incineration at an approved waste disposal site.

14: TRANSPORT INFORMATION

'NOT Restricted as per IATA/ICAO DG REGULATIONS This product is NOT classified as dangerous for transport.

15: REGULATORY INFORMATION

Hazard Label Data:

This product is NOT classified as dangerous for supply in the Middle East. Safety

Phrases: S 26 : In case

of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Risk Phrase: R 36 : Irritating to eyes

16: OTHER INFORMATION

Also refer to the Safety Data Sheet(s) for information on other components of this product.

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable

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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 application or applications without seeking advice from Silkon Additives India Pvt Ltd . 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 Safety Data Sheet may be obtained from Silkon Additives India Pvt Ltd