شركة أبولو لكيماويات الأبنية

Apollo For Construction Chemicals

MATREIAL SAFETY DATA SHEET (NASA SPR 1000)

1-PROUDUCT AND COMPANY IDENTIFICATION

Product Name: NASA SPR 1000.

Chemical Family: Liquid polymer bonding agent for cement containing mixes.

Manufacturer: **Apollo For Construction Chemicals**

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2- COMPOSITION /INFORMATION ON INGREDIENTS

Composition : styrene butadiene polymer,water.

Hazardous Ingredient(s): None of the ingredients of this product are classified as hazardous.

Refer to Section 8 for Occupational Exposure Limits.

3-HAZARD INFORMATION

No significant hazard.

4-FIRST AID MEASURES

Eyes: Irrigate with copious quantities of water for 15 minutes. If irritation persists, obtain medical attention.

Skin: Wash thoroughly with water.

Inhalation: Remove from exposure – unlikely to occur.

Ingestion: Induce vomiting. Seek medical support if necessary.

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5-FIRE FIGHTING MEASURES

Flash point (Closed Cup): None.
Special Exposure Hazards: None.
Extinguishing media: Carbon dioxide, powder, water fog. Water or foam cause frothing if directed into container or burning material. Use water to cool containers exposed to heat.
Personal Protective equipment: Self-contained breathing apparatus.

6- ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear suitable protective clothing, gloves and eye/face protection.
Environmental Precautions: Prevent entry into drains, sewers and water courses.
Decontamination Procedures: Soak up spill with absorbent material and place in containers. Dispose as per the local regulations.

7- HANDLING AND STORAGE

Handling: Good general ventilation should be sufficient for most conditions.
Storage: Store in cool and dry area.

8-EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion: Prevent eating, drinking or smoking in the area of product use.
Eye contact: Safety glasses/goggles.
Skin contact: Impervious gloves (e.g. PVC).

Respiratory protection: Not assigned.

Engineering controls: Good general ventilation should be sufficient for most conditions.

Exposure guidelines: None assigned.

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9-PHYSICAL AND CHEMICAL PROPERTIES

Form:	Viscous liquid.
Color:	White.
Odour:	Light vinyl.
PH (concentrate):	4.5-5.5.
Flash Point (Closed up)(°C):	None.
Boiling Point (°C):	100.
Autoflammabilty(°C):	Not determined.
Water Solubility:	Soluble.
Explosive Properties (%):	Notknown.
Vapor Pressure (KPa @20°C):	2.3(water)
Relative Density (@25°C):	1.0.

10- STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperature below 2°C.
Chemical incompatibility:	None known.

11-TOXICOLOGICAL INFORMATION

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

Health Effects

On Eyes:	May cause transient irritation in the prolonged use.
On Skin:	Unlikely to irritate on brief occasional exposure.
By Inhalation:	Low volatility makes inhalation unlikely at ambient temperatures.
By Ingestion:	Low order of acute toxicity.

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12- ECOLOGICAL INFORMATION

Environmental Assessment: When used and disposed off as intended, no adverse environmental effects are foreseen.

Mobility: Mobile liquid. Miscible in water.

Degradability: Inherently biodegradable.

Bioaccumulation: Not expected to be bioaccumulative.

Acute fish toxicity: Not expected to be ecotoxic to fish/ daphnia/ algae.

13- DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose off in an approved manner. Do not empty into drains, sewer or water courses.

Used/ Contaminated Product: As for unused product.

Packaging: May be steam cleaned and recycled.

14- TRANSPORT INFORMATION

This product is NOT classified as dangerous for transport.

15- REGULATORY INFORMATION

Hazard Label Data:

This product is NOT classified as dangerous for supply.

16- OTHER INFORMATION

Issue Date: 20/07/2023

Disclaimer: The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.