



شركة أبولو لكيمائيات الأبنية

Apollo For Construction Chemicals

MATREIAL SAFETY DATA SHEET (NASA GUARD PROOF W410)

01-PROUDUCT AND COMPANY IDENTIFICATION

Product Name: MASA Guard Proof W410.
Chemical Family: One component Elastomeric acrylic coating.
Manufacturer: Apollo For Construction Chemicals
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MSDS Number: Nasa/01/05/08

2- COMPOSITION /INFORMATION ON INGREDIENTS

Composition: Thixotropic acrylic copolymer emulsion.

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



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4-FIRST AID MEASURES

- Eyes:** Irrigate immediately with copious quantities of water for 15 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. Don't induce vomiting. Obtain medical attention.

5-FIRE FIGHTING MEASURES

- Flash point:** None.
- Special Exposure Hazards:** Material can splatter above 100oC. Polymer film can burn. Irritant fumes.
- Extinguishing media:** Carbon dioxide, powder, foam or water fog – Do not use water jets.
- 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 with inert absorbent like sand and remove by best available means. Gather into containers.

7- HANDLING AND STORAGE

- Handling:** Avoid skin and eye contact.
- Storage:** Store in cool and dry area. Protect from frost.



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8-EXPOSURE CONTROLS AND PERSONAL PROTECTION

Ingestion:	Prevent eating, drinking or smoking in the area of productuse.
Respiratory protection:	In case of insufficient ventilation wear suitable equipment. Change contaminated clothing and clean before re-use.
Engineering controls:	No specific ventilation requirement noted.
Exposure guidelines:	None assigned.

9-PHYSICAL AND CHEMICAL PROPERTIES

Form:	Liquid
Color:	White
Odor:	Acrylic
PH (concentrate):	7.0–9.0
Boiling Point (°C):	100°C.
Flash Point (closed cup) (°C):	None.
Autoflammability (°C):	Not determined.
Water Solubility:	Not known.
Vapor Pressure (KPa @20°C):	2.3(water).
Relative Density (@25°C):	1.22.
Water Solubility:	Emulsifiable.



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10- STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to Avoid:	Temperature below 2(°C).
Chemical incompatibility:	None known.
Hazardous Decomposition Products:	Thermal decomposition may yield acrylic monomers.

11-TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on knowledge of the toxicity of the product's components. Expected oral LD50, rat >2000mg/kg.

Health Effects

On Eyes:	May cause transient irritation
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. May cause irritation of mouth, throat and digestive tract.

12- ECOLOGICAL INFORMATION

Environmental Assessment:	When used and disposed of as intended, no adverse environmental effects are foreseen.
Mobility:	Mobile liquid. Emulsifiable in water.
Degradability:	Inherently biodegradable.
Bioaccumulation	Not expected to be bio accumulative
Acute fish toxicity:	Not expected to be Eco toxic to fish/ daphnia/ algae.



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13- DISPOSAL CONSIDERATION

Disposal must be in accordance with local and national legislation.

Unused Product: Dispose of in an approved manner. Do not empty into drains, sewers 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.

Safety

Phrases:

S24/25

Avoid contact with skin and eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

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.