

1. IDENTIFICATION

Product Name	:	SEALER WHITE BMA
Material Uses	:	Primer for Water Based Coatings
Manufacturer	:	BMA Commercial and Industrial s.a.r.l. Industrial Valley, Ain Saade Nahr El Mot 55091, North Metn Lebanon
Telephone Number	:	+961. 1. 885385 / 485
Emergency Phone Number	:	+961. 1. 885385 / 485
Fax Number	:	+961. 1. 885685
E-mail	:	info@bmapaints.com
Website	:	www.bmapaints.com

2. HAZARDS IDENTIFICATION

Physical State	:	White Liquid
Odor	:	Slight Lavender Scent
Eyes	:	May cause eye irritation
Skin	:	Prolonged or repeated contact can cause skin irritation
Inhalation	:	Inhalation of vapor can cause headache, nausea, irritation of nose, throat and lungs

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name CAS Number % by weight

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 Hazard Communication Standard.

4. FIRST-AID MEASURES

Eye Contact	:	Direct contact can cause eye irritation. Flush eyes with large amount of water for at least 15 minutes, holding the eye lids apart. Consult a physician if irritation persists.
Skin Contact	:	Prolonged or repeated contact can cause skin irritation. Wash affected areas thoroughly with soap and water. Consult a physician if irritation persists.
Inhalation	:	Inhalation of vapor can cause headache, nausea, irritation of nose, throat and lungs. Move exposed person to fresh air.
Ingestion	:	If swallowed drink at least 2 glasses of water. Consult a physician.

5. FIRE-FIGHTING MEASURES

Flammability of the Product	:	Not Flammable
Products of Combustion	:	Decomposition products may include the following materials: Carbon dioxide Carbon monoxide Nitrogen oxide/oxides
Suitable	:	Dry Chemical, CO ₂ or foam.
Not Suitable	:	Do not use water jet.
Special Protective Equipment and precautions for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Protective Equipment	:	Put on appropriate personal protective equipment. (see Section 8)
Methods and materials for containment and cleaning up	:	Contain spills with sand or earth. Remove to suitable container for disposal. Wash area and equipment with water.

7. HANDLING AND STORAGE

Precautions for Safe Handling	: Put on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking.
Conditions for Safe Storage	: Store in original container protected from direct sunlight in a dry and cool place. Keep container tightly closed and sealed until ready for use.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with Workplace Control Parameters

<u>Product name</u>	<u>Exposure Limit</u>
Ammonia	: OSHA Permissible Exposure Limit (PEL): 50 ppm ACGIH Threshold Limit Value (TLV): 25 ppm (TWA) 35 ppm (STEL)
Benzyl Benzoate	: UK WEL Long Term: 5.1 mg/m ³ UK WEL Short Term: 102 mg/m ³ Long-term Exposure Limit (8-hour TWA): 2.6 mg/m ³
Di Butyl Phthalate	: OSHA TWA: 5 mg/m ³ ACGIH TWA: 5 mg/m ³ NIOSH Recommended 10 hour TWA: 5 mg/m ³
White Spirit	: WEL-TWA: 350 mg/m ³
Dust (Ethylhydroxyethyl Cellulose)	: TWA: 4 mg/m ³
Petroleum Distillates, solvent dewaxed heavy paraffinic (DMSO extract <3%)	: OEL – Long term TWA: 5 mg/m ³ (Oil Mist)

Exposure Controls

Eyes	: Use a safe eyewear to avoid exposure to liquid splashes.
Hands	: Wear gloves to minimize skin contact.
Hygiene Measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the workstation location.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Color	: White
Odor	: Slight Lavender Scent
pH	: > 8.5
Relative Density (g.cm⁻³)	: 1.40 ± 0.02
Viscosity (Poise, 25°C)	: 15 ± 2
Flammability	: Not applicable
Flash Point °C	: Not applicable
Flammability Limit – Lower (%)	: Not applicable
Flammability Limit – Upper (%)	: Not applicable
Lower Explosion Limit, vol / vol air	: Not applicable
Upper Explosion Limit, vol / vol air	: Not applicable
Boiling Point (°C)	: No data available
Melting Point (°C)	: Not applicable
Solubility in water at 20 °C	: Miscible with water
Partition coefficient n-Octanol/Water	: Not applicable
Solid Content by weight	: 55.0%

10. STABILITY AND REACTIVITY

Stability and Reactivity	: <u>Chemical stability:</u> The product is stable under normal storage/handling conditions. <u>Possibility of hazardous reactions:</u> No dangerous reactions known. <u>Conditions to avoid:</u> No significant condition. <u>Incompatible materials:</u> No significant material.
Hazardous Decomposition Products	: Fire creates: Toxic gases / vapours / fumes of: Carbon dioxide (CO ₂) and Carbon monoxide (CO).
Hazardous Polymerization	: It will not occur.

11. TOXICOLOGICAL INFORMATION

Specific information about the product itself are not available.

Component: Ethylhydroxyethylcellulose

Acute Oral Toxicity : | LD50 (Rat): > 5,000 mg/kg

Component: Di Butyl Phthalate

Acute Oral Toxicity	: LD50 (Rat): 7,499 mg/kg
Acute Inhalation Toxicity	: LC50 (Rat): 4,250 mg/m ³
Acute Dermal Toxicity	: LD50 Dermal (Rabbit): > 20 ml/kg
Local Effects	: Irritant (inhalation – eye)
Acute Toxicity Level	: Toxic (Inhalation), Slightly Toxic (Ingestion)
Medical Conditions	: Kidney Problem
Aggravated Exposure	
Mutagenic Data	: Available
Reproductive Effects Data	: Available

Component: Titanium Dioxide

Acute Oral Toxicity	: LD50 (Rat): 10,000 mg/Kg
----------------------------	----------------------------

Component: Petroleum Distillates, solvent dewaxed heavy paraffinic (DMSO extract <3%)

Acute Oral Toxicity	: LD50: > 5,000 mg/Kg
Acute Inhalation Toxicity	: LC50: 5.53 mg/L
Acute Dermal Toxicity	: LD50 (Rabbit): > 5,000 mg/Kg

Component: Ammonia

Skin Contact	: Blistering may occur. Progressive ulceration will occur if treatment is not immediate.
Eye Contact	: Corneal burns may occur. May cause permanent damage.
Ingestion	: Corrosive burns may appear around the lips. Blood may be vomited. There may be bleeding from the mouth or nose.
Inhalation	: There may be shortness of breath with a burning sensation in the throat. Exposure may cause coughing or wheezing.

Component: White Spirit

Acute Oral Toxicity	: LD50 (Rat): >2000 mg/kg – Low Toxicity Aspiration into the lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
Acute Inhalation Toxicity	: LC50 (Rat): Greater than the near-saturated vapour concentration / 4 hours – Low Toxicity High Concentrations may cause Central Nervous System Depression resulting in Headaches, dizziness and nausea; Continued Inhalation may result in Unconsciousness and/or Death.
Acute Dermal Toxicity	: LD50 Dermal (Rat): > 2000 mg/kg – Low Toxicity

Mutagenic Data	:	Not expected to be Mutagenic
Carcinogenicity	:	Limited Evidence of Carcinogenic Effect. (Ethylbenzene)
Reproductive and Developmental Toxicity	:	Causes Foetotoxicity in animals at doses which are Maternally Toxic. Not Expected to impair Fertility.

12. TRANSPORT INFORMATION

	ADR/RID	ADN	IMDG	ICAO/IATA
TRANSPORTATION	Road	River	Marine	Airways
PROPER SHIPPING NAME	The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.			
UN/ID No.	-	-	-	-
SYMBOL	-	-	-	-
CLASS	-	-	-	-
PACKAGING GROUP	-	-	-	-
LABELLING NO	-	-	-	-
CLASSIFICATION CODE	-			
HAZARD NO (HIN NO)	-			
EmS			-	
MARINE Polluant			No	
HS CODE	32099090			
<i>Note for International Transportation Regulations: this product is not regulated as a hazardous material.</i>				

13. OTHER INFORMATION

Date of Issue or Change : | 23-07-2018

The information contained herein is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of any properties of the product.