

# MATERIAL SAFETY DATA SHEET

TI-71002

Zinc Phosphate Primer

Version No. 7 - Revision Date : 2022-07-25

## 1. Product & Company Identification

Product Name	Zinc Phosphate Primer
Product Code	TI-71002
Product Description	See Technical Data Sheet
Recommended Use	See Technical Data Sheet

## Company Identification

Company Name	Al-Daman Building Materials Company
Country	Saudi Arabia
City	Riyadh, 12384
Telephone	+966 11 428 0000

## 2. Composition / Information On Ingredients

PRODUCT/INGREDIENT NAME	IDENTIFIERS	OSHA PEL	WEIGHT %
POLYAMIDE RESIN:	CAS: 68443-08-3 EC: 614-510-1		50-65
XYLENE:	REACH #: 01-2119488216-32 EC: 215-535-7 CAS: 1330-20-7 Index: 601-022-00-9	100 PPM	15-25
BUTYL ALCOHOL:	CAS: 71-36-3 EC: 200-751-6	100 PPM	5-10

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### 3. Hazard Identification

#### # GHS label elements

#### Hazards pictograms:

Signal word: Warning

#### Hazard Statements: :

H226- Flammable liquid and vapor.

H315 - Causes skin irritation.

H317 - May cause an allergic skin reaction.

H319 - Causes serious eye irritation.

H373 - May cause damage to organs through prolonged or repeated exposure. (hearing organs)

H411- Toxic to aquatic life with long lasting effects.

#### # Precautionary statements

#### Prevention:

P280 - Wear protective gloves. Wear eye or face protection.

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 - Avoid release to the environment. P260 - Do not breathe vapor or spray.

#### Response:

P391 - Collect spillage.

P314 - Get medical advice or attention if you feel unwell.

P362 + P364 - Take off contaminated clothing and wash it before reuse.

P363 - Wash contaminated clothing before reuse. P302 + P352 - IF ON SKIN: Wash with plenty of water.

P333 + P313 - If skin irritation or rash occurs: Get medical advice or attention.

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 - If eye irritation persists: Get medical advice or attention.

#### Storage:

P403 + P235 - Store in a well-ventilated place. Keep cool.

#### Disposal

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### Hazards not otherwise classified:

None known.

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#### 4. First Aid Measures

<b>Eyes Contact</b>	Immediately flush eyes with fresh water at least 15 times. Contact a physician.
<b>Skin Contact</b>	Wash with soap and water, remove contaminated clothing and launder before re-use
<b>Ingestion</b>	If conscious, give plenty of water to drink do not induce vomiting Contact a physician.
<b>Inhalation</b>	Remove to fresh air, give oxygen and/or artificial respiration if required. Contact a physician.
<b>Others</b>	Referral to a physician is recommended if there is any question about the seriousness or any injury

#### 5. Fire Fighting Measures

<b>Flash Point</b>	27 0C ASTM D-56
<b>Extinguishing Media</b>	CO2 , Dry Chemical, Foam.
<b>Fire Fighting Procedure</b>	Use self contained- breathing apparatus.
<b>Unusual Fire/Explosion Hazard</b>	Decomposition and composition product may be toxic.

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### 6. Accident Release Measures

#### SAFETY PRECAUTION

- Open enclosed spaces to outside atmosphere.
- Wear protective clothing's , boots , gloves & eye protection.
- Consult the safety measures listed under headings 7 & 8.

#### SPILL RELEASE PROCEDURES:

Remove spillage by absorbing in nonreactive absorbent material.

#### WASTE DISPOSAL METHODS:

Consult qualified local or corporate personnel for method that will comply with local, state and federal health and environmental regulations.

### 7. Handling & Storage

#### Handling & Storage Precautions

Keep container closed upright when not in use. Store in cool , dry , well ventilated area.

Avoid storage temperature above 100 Degrees Fahrenheit.

### 8. Exposure Control / Personal Protection

#### Respiratory Protection

Use NIOSH approved organic vapor cartridge respirator when vapor/mist exposure is likely. Use air-line respirator in confined or restricted ventilation areas. Refer to 29 CFR, OSHA parts 1910, 1915, and 1916 for coating operations.

#### Ventilation

General mechanical and local exhaust in accordance with ACGIH recommendations.

#### Protective Gloves

Wear impermeable gloves.

#### Eye Protection

Wear splash-proof chemical goggles

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#### 9. Physical And Chemical Properties

Specific Gravity	0.91-0.93 (WATER = 1)
Solubility	Aromatic Hydrocarbon, Alcohol, Ester, Ether, Ketone.
Insolubility	Water, Aliphatic Hydrocarbon.
Odor	Organic Solvent.
Appearance	yellowish
VOC % by volume	50-60 %
Lead Content(%)	Nil.

#### 10. Stability And Reactivity

Stability	Stable
Stability Condition to Avoid	Elevated temperature
Materials to Avoid	Strong oxidization agents, mineral acids, and bases, epoxies Under uncontrolled conditions.
Hazardous Decomposition Products	Carbon monoxide, Carbon dioxide, and Oxides of Nitrogen
Polymerization	Will not occur

#### 11. Toxicological Information

No toxicological information is available for this product.

#### 12. Ecological Information

Nuisance dust may be generated when sanding or sawing cured material.

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#### 13. Disposal Consideration

##### Spill Release Procedure

Avoid breathing of vapors or dust. Use absorbent clean-up materials or sweep up. Place in separate container. Keep out of public sewers & waterways. If entry is threatened or occurs , notify local authorities. Eliminate all sources of ignition.

##### Waste Disposal Methods

In separate closed metal container in accordance with all applicable regulations.

##### Other Precautions

Do not take internally. Avoid prolonged breathing of vapors or dust or spray mist or contact with skin & eyes. Do not weld or flame cut an empty container. Ground containers when pouring. Destroy contaminated leather & absorbent shoes.

MSDS

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## 14. Transport Information

### Land Transport (ADG)

Class	3
Labeling of vehicles – hazard code	90 UN No. 1263
Symbol of hazard	3

### Sea Transport (IMDG)

IMO PSN Code	LCT
IMO Proper Shipping name	Paint or Paint related material.
UN Hazard Class	3 UN Number 1263

### Air Transport (IATA)

IATA Label	Flammable liquid.
Symbol of Hazard	3
UN Hazard Class	3 UN Number 1263

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### 15. Statutory / Regulatory Information

According to the regulations , the following danger labeling of the product is required.

- The Text Flammable
- Danger labeling Xi and N, Dangerous for environment.

#### R Phrases

- R 10 Flammable
- R 20/21 Harmful by inhalation and in contact with skin
- R 51 Irritating to skin

#### S Phrases

- S 7/9 Keep container tightly closed in well-ventilated place.
- S 36/37/39 Wear suitable clothes, gloves and eye/face protection.
- S 51 Use only in ventilated areas.

### 16. Other Information

- Since the end users working conditions are not known by us the information provided in this safety data sheet is based on our current level of knowledge.
- The information provided in this safety data sheet relates to the product in the state in which it is delivered.
- It is intended to describe our products from the point of view of safety requirements & is not intended to guarantee any particular properties.
- The product must not be used for any purpose other than those specified under heading without first obtaining written handling instructions.
- It is all times the responsibility of the users to take all necessary measures to comply with legal requirements & local regulations.
- The information given in this safety data sheet must be regarded as a description of the safety requirements relating to our product and not guarantee of its properties.