

# Material Safety Data Sheet

## QP. BOND

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Commercial product name: Q.P BOND

#### 1.2 Relevant identified uses of the substance.

Acrylic bonding agent serves as adhesive assistant, it is used on concrete and wood surfaces as a primer and as additive for mortar, tile adhesive, tile grout and cement admixtures. It is applicable on interior and exterior concrete.

#### 1.3 Details of the supplier of the safety data sheet

Manufacturer/distributor:	Quds Paints	
State/postal code/city:	Industrial Zone, Sahab _Jordan 11512	
Telephone:	+962 (6) 4029023	
Fax:	+962 (6) 4020504	
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## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance

Not regarded as a health or environmental hazard under current legislation.

## 3 .COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances

Not applicable

### 3.2 Mixtures

#### 3.2.1 Chemical characterization (preparation)

Copolymer of: styrene acrylic copolymer

## 4. FIRST-AID MEASURES

### 4.1 Description of first aid measures

#### General information:

Under ordinary workplace conditions: No special measures required.

#### After inhalation:

Move the exposed person to fresh air at once. Get medical attention if any discomfort

Continues.

#### After contact with the skin:

Wash with plenty of water or water and soap. Get medical attention if irritation

persists after washing

**After contact with the eyes:**

Rinse immediately with plenty of water. Seek medical advice in case of continuous irritation.

**After swallowing:**

If conscious, give several small portions of water to drink. Do not induce vomiting. In cases of sickness seek medical advice.

**4.2 Indication of any immediate medical attention and special treatment needed**

Due to its physical properties, may cause mechanical irritation. Product may agglutinate in the gastro-intestinal tract. Medical assistance should be sought. Depending on the symptoms, invasive measures may be necessary.

**5. FIRE-FIGHTING MEASURES**

**5.1 Extinguishing media**

This material is not flammable. Use extinguishing media appropriate for surrounding fire.

**Suitable extinguishing media:**

Water spray, water mist, extinguishing powder, foam, carbon dioxide .

**Extinguishing media which must not be used for safety reasons:**

Water jet.

**5.2 Special hazards arising from the substance or mixture**

Hazardous combustion products: hydrogen chloride.

**5.3 Advice for firefighters**

**Special protective equipment for firefighting:**

Use respiratory protection independent of re circulated air.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Do not breathe dust.

### 6.2 Environmental precautions

Cover any spilled material in accordance with regulations to prevent dispersal by wind.

### 6.3 Methods and material for containment and cleaning up

Take up mechanically and disposed of according to local/state/federal regulations.

#### Further information:

Eliminate all sources of ignition.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

Prevent air-borne concentrations higher than the occupational exposure limits. Keep the container tightly closed.

Exclude sources of heat, sparks and open flame. Avoid skin and eye contact. Avoid inhalation of vapor. Smoking, eating and drinking should be prohibited in storage and use areas. Always keep in containers made of the same material as the supply container, or in containers that are compatible with the product.

### 7.2 Conditions for safe storage, including any incompatibilities

Observe the label precautions. Store in a cool, dry, well ventilated place away from sources of heat, ignition and direct sunlight. No smoking. Prevent unauthorized access. Containers which are opened should be properly resealed and kept upright to prevent Leakage.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

### 8.2 Exposure controls

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and/or solvent vapors below the relevant Exposure Limit Values, suitable respiratory protection must be worn.

#### **Respiratory protection**

Avoid the inhalation of vapor, particulates and spray mist. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general ventilation. If this is not sufficient to maintain concentrations of particulates and solvent vapor below the occupational exposure limit, respiratory protection must be worn.

#### **Hand protection**

Wear suitable gloves for protection against materials.

#### **Eye protection**

Eye protection designed to protect against liquid splashes should be worn

### 8.2.2 Exposure to the environment limited and controlled

Prevent material from entering surface waters and soil.

## 9 .PHYSICAL AND CHEMICAL PROPERTIES

### **General information:**

Physical state / form.....: emulsion.

Color .....: white

Odor .....: odorless

Specific Density.....: 1.04

Water solubility / miscibility.....: soluble.

pH-Value .....: 7-9

## 10. STABILITY AND REACTIVITY

### **Reactivity; Chemical stability; Possibility of hazardous reactions**

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

## 11 TOXICOLOGICAL INFORMATION

### **11.1 Information on toxicological effects**

#### **11.1.1 Acute toxicity**

**Assessment:**

Based on the available data acute toxic effects are not expected after single oral exposure.

#### **11.1.2 Skin corrosion/irritation**

**Assessment:**

Based on the available data a clinically relevant skin irritation hazard is not expected.

#### **11.1.3 Serious eye damage / eye irritation**

**Assessment:**

Based on the available data a clinically relevant eye irritation hazard is not expected.

#### **11.1.4 Respiratory or skin sensitization**

**Assessment:**

Based on the available data a sensitization reaction is not expected from this product.

#### **11.1.5 Germ cell mutagenicity**

**Assessment:**

Based on known data a significant mutagenic potential may be excluded.

#### **11.1.6 Carcinogenicity**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.7 Reproductive toxicity**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.8 Specific target organ toxicity (single exposure)**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.9 Specific target organ toxicity (repeated exposure)**

**Assessment:**

For this endpoint no toxicological test data is available for the whole product.

#### **11.1.10 Aspiration hazard**

**Assessment:**

Based on the physical-chemical properties of the product no aspiration hazard must be expected.

#### **11.1.11 Further toxicological information**

Remark for the listed toxicological data: Evaluation in analogy to similar product.

## 12 ECOLOGICAL INFORMATION

### 12.1 Toxicity

**Assessment:**

No expected damaging effects to aquatic organisms. According to current knowledge adverse effects on water purification plants are not expected.

### 12.2 Persistence and degradability

**Assessment:**

Polymer component: Elimination by adsorption to activated sludge. Separation by flocculation is possible.

Polymer components: Not readily biodegradable.

### 12.3 Bioaccumulative potential

**Assessment:**

No adverse effects expected.

### 12.4 Mobility in soil

**Assessment:**

No adverse effects expected.

### 12.5 Other adverse effects

None known.

### 12.6 Additional information

The ecotoxicological results provided were obtained from tests with similar products.



## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### 13.1.1 Material

Recommendation:

Dispose of according to regulations by incineration in a special waste incinerator. Small quantities may be disposed of by incineration in an approved facility. Observe local/state/federal regulations.

#### 13.1.2 Un cleaned packaging

Recommendation:

Completely discharge containers. Containers may be recycled or re-used.

Observe local/state/federal regulations.

Recommended cleaning agent:

Water.

## SECTION 14: Transport information

Road:

Valuation .....: Not regulated for transport

Railway:

Valuation .....: Not regulated for transport

Transport by sea:

Valuation .....: Not regulated for transport

Air transport:

Valuation .....: Not regulated for transport

### 14.5 Environmental hazards

Hazardous to the environment: no.

## **SECTION 15: Regulatory information**

15. Safety, health and environmental regulations/legislation specific for the substance or mixture

National and local regulations must be observed.

## **SECTION 16: Other information**

### **16.1 Material**

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