



MATERIAL SAFETY DATA SHEET  
DUROCK ALFACING INTERNATIONAL LTD.

---

## 1. Chemical Product and Company Identification

Chemical Name: DuROCK One Step Ready Mix  
MSDS Date: December 2015

**Company Identification**  
DuROCK Alfacing International Ltd.  
101B Roytec Rd  
Woodbridge, On  
L4L 8A9

**Emergency Telephone Numbers**  
Health Emergency: 905-856-0133  
Spill Emergency: 905-856-0133

---

## 2. Hazardous Identification

### Primary Routes of Exposure

Inhalation      Skin Absorption  Eye Contact       Ingestion       Skin Contact

### Effects of Acute Exposure to Product

Breathing dust may cause nose, throat or lung irritation and choking. Prolonged or repeated exposure may cause lung injury including silicosis. Risk of injury depends on duration and level of exposure. May cause eye irritation and damage to cornea. May cause dry skin, redness, discomfort, irritation or burns. Ingestion of large amounts may cause intestinal distress.

### Other Health Effects

Crystalline silica is a chemically inert, non combustible mineral. Prolonged exposure to respirable crystalline quartz may cause delayed lung injury. Pulmonary function may be reduced by inhalation. Smoking aggravates the effects of exposure.

---

## 3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS REG NO.</u>	<u>Weight (%)</u>	<u>TLV(mg/m<sup>3</sup>)</u>	<u>LC<sub>50</sub>/LD<sub>50</sub></u>
Silica Sand	N/A	65-70	Not listed	N/A
Portland Cement	N/A	20-25	Not listed	N/A
Redisperable	N/A	1-5	N/A	N/A
Polymer Binder				

---

## 4. First Aid Measures

### Inhalation

Move victim to fresh air. Obtain medical attention for discomfort.

### Eye Contact

Immediately flush eyes with running water for a minimum of 20 minutes or with an ophthalmic saline solution. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention for abrasions.



DUROCK ALFACING INTERNATIONAL LTD.  
101B ROYTEC RD  
WOODBIDGE, ON  
L4L 8A9

PRODUCT: ONE STEP READY MIX  
MSDS DATE: DECEMBER 2015

---

#### 4. First Aid Measures cont.

##### Skin Contact

Flush skin with running water and wash affected areas thoroughly with soap and water.

##### Ingestion

Rinse mouth with water. DO NOT INDUCE VOMITING but drink plenty of water. Obtain medical attention for discomfort.

If symptoms persist, contact a physician or other medical personnel.

---

#### 5. Fire Fighting Measures

Flash Point: N/A

Auto-Ignition Temperature: N/A

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Unusual Hazards: N/A

Extinguishing Agents: N/A

---

#### 7. Handling and Storage

##### Storage Conditions

Normal precautions for dust. Store in a dry area away from water.

##### Handling Procedures

N/A

---

#### 8. Personal Protection

##### Respiratory Protection

NIOSH/MSHA approved respirator if required.

##### Eye Protection

Safety glasses with side shields are recommended to prevent eye contact. Wearing contact lenses when using this product under dusty conditions is not recommended.

##### Hand Protection

Use gloves, shoes and protective clothing to prevent skin contact.

##### Engineering Controls (Ventilation)

Use local exhaust or general ventilation to maintain dust levels below exposure limits in workplaces with poor ventilation and dusty conditions.



---

## 9. Physical and Chemical Properties

Colour: Grey  
State: Flowable powder  
PH: Alkaline  
Viscosity: None, powder  
Specific Gravity (Water=1): N/A  
Vapour Density (Air=1): N/A  
Vapour Pressure: N/A  
Solubility in Water: N/A  
Evaporation Rate (Bac\_1): Not measurable

---

## 10. Stability and Reactivity

### General

Product is stable but must be kept dry. Reacts with water.

### Incompatible Materials and Conditions to Avoid

Must be kept dry. Cement reacts in hydrofluoric acid producing corrosive gas. Silicates react with powerful oxidizers which may cause fires.

### Hazardous Decomposition

None for Portland Cement. Crystalline silica dissolves in hydrofluoric acid and produces corrosive gas.

---

## 11. Toxicological Information

Acute Data: N/A  
Oral LD50 – rat: N/A  
Dermal LD50 – rabbit: N/A  
Skin irritation – rabbit: N/A  
Eye irritation – rabbit: N/A

---

## 14. Transport Information

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods.

---

## 16. Other Information

MSDS prepared by: DuROCK Alfacing International Limited  
101B Roytec Rd  
Woodbridge, On  
L4L 8A9



DuROCK ALFACING INTERNATIONAL LTD.  
101B ROYTEC RD  
WOODBRIDGE, ON  
L4L 8A9

PRODUCT: ONE STEP READY MIX  
MSDS DATE: DECEMBER 2015

---

**16. Other Information cont.**

Supplier/Manufacturer: DuROCK Alfacing International Limited  
101B Roytec Rd  
Woodbridge, On  
L4L 8A9