



## MATERIAL SAFETY DATA SHEET

### 1. Chemical Product and Company Identification

Chemical Name: MPI#53 Flat  
MSDS Date: November 2011

#### 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. Composition/Information on Ingredients

<i>Chemical Name</i>	<i>CAS REG NO.</i>	<i>Weight (%)</i>	<i>TLV(mg/m3)</i>	<i>LC50/LD50</i>
Amorphous Silica	N/A	1.0-3.0	N/A	N/A
NephelineSyenite	N/A	10-15	N/A	N/A
Calcined Clay	N/A	5-10	N/A	N/A
Titanium Dioxide	N/A	15-20	10mg/m3	LD50(rat,oral)>24000mg/m3 LC50(rat,inhalation)>6820mg/m3
Titanium Dioxide Extender	N/A	5.0-7.0	N/A	N/A

### 3. Hazardous Identification

#### Primary Routes of Exposure

Inhalation  Skin Absorption  Eye Contact  Ingestion  Skin Contact

#### Effects of Acute Exposure to Product

May cause respiratory tract irritation. Prolonged or repeated exposure may cause skin irritation.  
May cause eye irritation. In a confined area vapours in high concentration may cause headache, nausea or dizziness.

#### Signs and Symptoms of Overexposure

Redness and itching or burning sensation may indicate eye or excessive skin exposure.

#### Medical Conditions Aggravated by Exposure

None generally recognized.





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### 4. First Aid Measures

#### **Inhalation**

Remove from exposure and move victim to fresh air. Give artificial respiration only if breathing has stopped. Give cardiopulmonary resuscitation (CPR) if there is no breathing and no pulse. Obtain medical attention immediately.

#### **Eye Contact**

Immediately flush eyes with running water for a minimum of 15 minutes. Hold eyelids open during flushing. If irritation persists, repeat flushing. Obtain medical attention immediately.

#### **Skin Contact**

Flush skin with running water and wash affected areas thoroughly with soap and water. Start flushing while removing contaminated clothing. Remove contaminated clothing and launder before re-use.

#### **Ingestion**

Do not induce vomiting. Obtain medical attention immediately.

### 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

### 6. Handling and Storage

**Storage Conditions:** Storage temperature should not exceed 40°C (104°F) or fall below 4°C (40°F).

**Handling Procedures:** N/A

### 7. Personal Protection

#### **Respiratory Protection**

NIOSH/MSHA approved respirator if required.

#### **Eye Protection**

Safety glasses with side shields are recommended to prevent eye contact.

#### **Hand Protection**

Use gloves and protective clothing made of material which has been found by user to be impervious under conditions of use.

#### **Engineering Controls (Ventilation)**

Use local exhaust or general ventilation to keep the airborne concentrations below the applicable exposure limits.

#### **Precautions To Be Taken In Use**

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapour and spray mist. Wash hands after using.



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### 8. Physical and Chemical Properties

Colour: White  
 pH: 8.5-9.0  
 Viscosity: 100±5 KU  
 Specific Gravity (Water=1): 1.43  
 Density: 12.2±0.2 lb/US gal  
 Volume Solids: 34.4±0.2%  
 Weight Solids: 52.1±0.2%  
 Melting Point: N/A  
 Boiling Point: 100°C  
 Solubility in Water: N/A  
 Volatile Organic Compounds (VOC Theoretical): <50 g/L

### 9. Stability and Reactivity

***Instability***

Chemically stable

***Hazardous Decomposition***

Not available

***Hazardous Polymerization***

Will not occur

***Incompatibility***

None known

### 10. 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

### 11. Other Information

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

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

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