



MATERIAL SAFETY DATA SHEET

1. Chemical Product and Company Identification

Chemical Name: Flat 450
MSDS Date: April 2016

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

Chemical Name	CAS REG NO.	Weight (%)	TLV(mg/m ³)	LC50/LD50
1,2-Propanediol	000057-55-6	1.0-1.5	Not listed	LC50(oral,rat)=6517mg/kg LD50(dermal,rabbit)>5000mg/kg
Calcium Carbonate	N/A	15-20	N/A	N/A
Clay	N/A	10-15	N/A	N/A
Titanium Dioxide	N/A	5-10	10mg/m ³	LD50(rat,oral) >24000mg/m ³ LC50(rat,inhalation) >6820mg/m ³
Ester Alcohol	N/A	0.2-0.5	Not listed	Not listed

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: 8.5-8.8
 Viscosity: 100-110 KU
 Density: 11.5±0.1 lb/US gal
 Volume Solids: 31.7±0.2%
 Weight Solids: 50.2±0.2%
 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 Alfacings International Limited 101B Roytec Rd. Woodbridge, On L4L 8A9

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

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