MATERIAL SAFETY DATA SHEET
DUROCK ALFACING INTERNATIONAL LTD.

1. Chemical Product and Company Identification

Chemical Name: Polar Bear
MSDS Date: November 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
__X__ Inhalation_____ Skin Absorption __X__ Eye Contact____ Ingestion __X__ Skin Contact

Effects of Acute Exposure to Product
Inhalation of vapour or mist can cause headache, nausea, irritation of nose, throat and lungs. Direct contact with material can cause irritation to eyes. Prolonged or repeated skin contact can cause skin irritation. Ingestion of liquid may result in gastric disturbances.

3. Composition/Information on Ingredients

Chemical Name	Weight (%)	CAS REG NO.	TLV (mg/m^3)	LC$_{50}$/LD$_{50}$
Acrylic Emulsion	35-40	N/A	N/A	N/A
Acrylic Emulsion	5-7	N/A	N/A	N/A
Calcium Carbonate	20-25	1317-65-3	Total Dust, 10mg/m^3 TWA	N/A
Silica Sand	15-20	N/A	N/A	N/A
Mica	4-5	N/A	N/A	N/A
Reinforcing Fiber	1.5-2.0	N/A	N/A	N/A
Dipropylene glycol Monobutyl Ether	0.3-0.5	N/A	Not listed	N/A
In-can Preservative	0.15-0.2	N/A	Not listed	N/A

4. First Aid Measures

Inhalation
Move victim to fresh air. Aid in breathing, if necessary, and 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. If irritation develops obtain medical attention.

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4. First Aid Measures cont.

Skin Contact
Flush skin with running water and wash affected areas thoroughly with soap and water. Remove and launder contaminated clothing before reuse. If irritation develops obtain medical attention.

Ingestion
If swallowed, dilute with water and immediately induce vomiting. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get immediate medical attention. General information: Treat symptomatically

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
Storage temperature should not exceed 40ºC (104ºF) or fall below 4ºC (40ºF).

8. Personal Protection

Respiratory Protection
NIOSH/MSHA approved respirator if required. Use local exhaust to control vapours/mists.

Eye Protection
Chemical goggles, also wear a face shield if splashing hazard exists.

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.

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9. Physical and Chemical Properties

Colour: Milky white
Odour Characteristics: Ammonia odour
PH: 8.0-8.5
Viscosity: N/A
Specific Gravity (Water=1): >1
Vapour Density (Air=1): >2.0
Vapour Pressure: N/A
Solubility in Water: Miscible

10. Stability and Reactivity

Instability
Chemically stable

Hazardous Decomposition
Not available

Hazardous Polymerization
Not available

Incompatibility
Not available

Conditions to avoid
Protect from freezing temperatures

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

Supplier/Manufacturer: Same as above