

MATERIAL SAFETY DATA SHEET

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

Product name:	DIORITE SHEET
Supplier:	Diorite Ireland Ltd 27 Lisfannon Business Park Buncrana Co. Donegal, Ireland
Emergency telephone number:	+353 (0) 74 932 2100
Fax No:	+353 (0)74 932 2102

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Identification of the preparation**

Chemical Name	CAS-No	Weight %	Exposure Limit
CURED POLYESTER RESIN	Blended Mix	40-90	Not Available
ALUMINA TRIHYDRATE	21645512	=<70	Not Available
PIGMENTS	Not Available	=<2	Not Available

**3. HAZARDS IDENTIFICATION**

Physical State and Appearance	Solid
Most important hazards	Over-exposure to nuisance dust generated during fabrication of the product may cause irritation of eyes, skin, and respiratory system.
Specific hazards	Inhalation of airborne dust may cause by sneezing and coughing. Repeated inhalation may lead to chronic respiratory irritation. It may aggravate asthmatic condition. If the dust gets in to the eye, it can cause abrasion.

**4. FIRST AID MEASURES**

General advice	Work in well ventilated area. Avoid contact with skin and eyes, Do not inhale dust.
Inhalation	Get fresh air. Seek medical attention after significant exposure
Skin contact	Wash immediately with soap and water. Apply hand lotion. If skin irritation persists, seek medical attention
Eye contact	Rinse thoroughly with plenty of water for at least 20 minutes. Seek medical attention if irritation persists.
Ingestion	Not applicable

**5. FIRE-FIGHTING MEASURES**

Flammability of the Product	Non Flammable
Auto-ignition Temperature	Not Available
Flash Point	Not Available
Flammable limits	Not Available
Products Of Combustion	Carbon Dioxide and Carbon Monoxide
Fire Hazards in Presence of Various Substances	None
Explosion Hazards in Presence of Various Substances	None
Fire Fighting Media and Instructions	Use Carbon Dioxide, Dry chemicals, water spray or foam.
Protective Clothing (Fire)	Standard issue Fire fighting wear.
Special Remarks on Fire Hazards	Standard Fire fighting procedure

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**6. ACCIDENTAL RELEASE MEASURES**

Spill and Leak

Not applicable. The material is solid.

**7. HANDLING AND STORAGE**

<b>Handling</b>	The product is heavy. Use appropriate handling tools and seek help when necessary.
<b>Storage</b>	No special instructions.

**8. EXPOSURE CONTROLS 1 PERSONAL PROTECTION**

Product Name	Exposure Limits
Cured Polyester Resin	Not available
Alumina Trihydrate	Not available.
Pigments	Not available.
Engineering	Provide well ventilated work area. Use dust extraction equipment during fabrication to keep the dust below local exposure limits.
Personal Protection	
Eyes	Safety glasses with side shields
Body	Standard work apparel.
Respiratory	A respirator is not needed under normal conditions of product use. Face mask is recommended.
Hands	Use gloves to prevent cuts from sharp edges
Feet	Use steel toe cap safety shoes.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form: Solid      Colour: Various      Odour: None

<b>Molecular Weight</b>	Not applicable
<b>Molecular Formula</b>	Not applicable
<b>pH(1 % Soln/Water)</b>	Not applicable
<b>Boiling point/Condensation range</b>	Not applicable
<b>Melting point/Freezing range</b>	Not available
<b>Critical Temperature</b>	Not applicable
<b>Specific Gravity</b>	1.5
<b>Vapor Pressure</b>	Not applicable
<b>Vapor Density</b>	Not applicable
<b>Volatility</b>	Not applicable
<b>Odor Threshold</b>	Not applicable
<b>Evaporation Rate</b>	Not available
<b>VOC</b>	Not available
<b>Viscosity</b>	Not applicable
<b>Ionicity(in water)</b>	Not available
<b>Dispersion Properties</b>	Not available
<b>Solubility</b>	Insoluble in water.
<b>Physical Chemical Comments</b>	None.

**10. STABILITY AND REACTIVITY**

Stability	Stable
Conditions to avoid	No special conditions
Materials to avoid	No special Materials
Hazardous decomposition products	The product does not decompose

**11. TOXICOLOGICAL INFORMATION**

Toxicity to Animals	Not Tested on Animals
Toxicity to Humans	Non Toxic

**12. ECOLOGICAL INFORMATION**

Ecotoxicity	Not available
Biodegradable/OECD	Not available
BOD5and COD	Not available
Biodegradation products	Does not biodegrade
Mobility	Not available

**13. DISPOSAL CONSIDERATIONS**

Waste from residues/unused products	In accordance with local regulations
Contaminated packaging	In accordance with local regulations

**14. TRANSPORT INFORMATION**

Proper shipping name	Diorite Sheet
ADRIRID Classification	Not Controlled under ADR (Europe)
IMOIMDG Classification	Not Controlled under IMDG
ICAOIAT A Classification	Not controlled under IATA.
Marine Pollutant	Not a marine pollutant
Special Provisions for Transport	No additional remark

**15. REGULATORY INFORMATION**  
[ DSCL(EEC)

| Not controlled under DSCL

**16. OTHER INFORMATION**

None

Revision Date: 16/6/04

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