



Jangro Limited
James House
Worsley Road
Farnworth
Bolton
BL4 9NL

Tel. 0845 458 5223

JANGRO BD240-5

Revision May 2010

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SOVEREIGN FLOOR UNDERCOAT / SEALER
Use: Emulsion floor seal designed for use on a wide range of floors from stone to wood. It can be used as an undercoat for floor polishes to enhance wear properties on heavy traffic areas or as a primer for solvent based seals.
Supplier: Jangro Limited, as above
Emergency Tel: 01444 244000

2 HAZARDS IDENTIFICATION

Main hazards: No significant hazard

3 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredient Name	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Diethylene Glycol Monoethyl Ether	203-919-7	111-90-0	1-5%	Xi	R36

4 FIRST AID MEASURES

Skin contact: There may be mild irritation at the site of contact. Wash immediately with plenty of soap and water.
Eyes: There may be irritation and redness. Bathe the eye with running water for 15 minutes
Ingestion: There may be irritation of the throat. Wash out mouth with water.
Inhalation: No symptoms

5 FIRE FIGHTING MEASURES

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
Protection of fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details. Turn leaking containers leak-side up to prevent the escape of liquid.
Environmental precautions: Do not discharge into drains or rivers.
Clean-up procedures: Small spills can be handled with a mop and water. Large spills should be contained with sand or sawdust and disposed of under local authority regulations.

7 HANDLING AND STORAGE

Storage conditions: Store in cool, well ventilated area. Protect from freezing. Keep container tightly closed. Recommended shelf life of 12 months (1 year) when stored at or below 25 deg C in the original unopened containers.
Suitable Packaging: Must only be kept in original packaging.

8 PERSONAL PROTECTION/EXPOSURE CONTROLS

Respiratory protection: Respiratory protection not required.
Hand protection: May cause irritation to sensitive skin if frequent contact with unprotected skin. Wear protective gloves.
Eye protection: Avoid contact with eyes. Safety glasses recommended.

9 PHYSICAL AND CHEMICAL PROPERTIES

State:	Liquid
Colour:	White
Odour:	Characteristic odour
Solubility in water:	Miscible in all proportions
Evaporation rate:	Moderate
Viscosity:	Non-viscous
Flash point °C	N/A
pH:	8.0-8.5
Relative density:	1.022

10 STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Heat
Hazardous Decomp.	In combustion emits toxic fumes.
Products	
Materials to avoid	Strong acids. Strong oxidising agents.

11 TOXICOLOGICAL INFORMATION

Hazardous ingredients:	ORL MUS LD 50	ORL RAT LD50	IRL RAT LC50	SCU MUS LDLO	SKN RBT LD50
Diethylene Glycol Monoethyl Ether		5.6 ml/kg			4.2 ml/kg

Routes of exposure: Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

12 ECOLOGICAL INFORMATION

Hazardous ingredients:	Diethylene Glycol Monoethyl Ether
	Bacteria 48H EC50 > 5000 mg/l
	Daphnia 48H EC50 > 10000 mg/l
	Fish Fathead Minnows 96H LC50 >10000 mg/l

Mobility:	Readily absorbed into soil.
Persistence and degradability:	Biodegradable.
Bioaccumulative potential:	No bioaccumulation potential.
Other adverse effects:	Negligible ecotoxicity.

13 DISPOSAL CONSIDERATIONS

Disposal operations:	Consult local regulations for disposal.
NB:	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14 TRANSPORT INFORMATION

ADR/RID	UN no: Not classified
IMDG/IMO	UN no: Not classified
IATA/ICAO	UN no: Not classified

15 REGULATORY INFORMATION

Hazard Symbol:	No significant hazard
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Safety phrase:	KEEP OUT OF REACH OF CHILDREN.
	S24/25: Avoid contact with skin and eyes.
	S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S28: After contact with skin, wash immediately with plenty of water.

Note: The regulatory information given above only indicates the principals regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16 OTHER INFORMATION

Other information:

Polycarboxylates – 15% – 30%.
Phosphates – less than 5%.
Non-ionic surfactants – less than 5%.
Preservative.

Risk phrases used in s.3:

R36: Irritating to eyes.

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.



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SOVEREIGN FLOOR UNDERCOAT / SEALER

Description

An emulsion floor seal which is hard wearing and will stand up to heavy traffic without fracturing. Recommended for use on terrazzo, quarry tile, unglazed ceramic tile, marble, brick, linoleum, vinyl, composition, sealed wood and cork floors.

Features and Benefits

- An emulsion floor seal with exceptional properties, hard wearing and crystal clear, it will stand up to heavy traffic without fracturing.
- Non-flammable, non-toxic, no objectional odour and quick drying.
- Used as a foundation undercoat prior to the application of floor finish on areas that get heavy traffic conditions or on floors that are porous or badly worn.

How to Use

Clean the floor thoroughly making certain the floor is free from grease, oil and general soil and all previous treatments. Apply 2 even coats with an applicator, allow 30 minutes drying time between coats. Then apply the floor finish.

Please note: Floor Undercoat / Sealer cannot be removed with conventional floor stripper and should be used with care. Thorough preparation is essential prior to application.

Typical Product Data

Appearance:	Liquid
Colour:	White
Odour/Taste:	Characteristic odour
pH-Value, Conc:	8.0-8.5

Storage

Store in original sealed container and protect from extremes of temperature