



Jangro Limited
James House
Worsley Road
Farnworth
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Tel. 0845 458 5223

JANGRO BD260-5

Revision May 2010

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SOVEREIGN WOOD FLOOR SEAL
Use: Designed for use on wooden floors. It is a water based emulsion seal that is fast drying, has low odour, non flammable and easy to apply.
Supplier: Jangro Limited, as above
Emergency Tel: 01444 244000

2 HAZARDS IDENTIFICATION

Main hazards: No significant hazard

3 COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	EINECS No.	CAS No.	% Range	Symbol	Risk Phrase
Tributoxyethyl Phosphate	201-122-9	78-51-3	0-1%	-	R52/53

4 FIRST AID MEASURES

Eyes: There may be irritation and redness. Bathe the eye with running water for 15 minutes
Ingestion: There may be irritation of the throat. Nausea and stomach pain may occur. Wash out mouth with water.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.
Skin contact: Wash immediately with plenty of soap and water.

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.
Skin protection: Avoid contact with skin.

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
Relative density:	1.040

10 STABILITY AND REACTIVITY

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

11 TOXICOLOGICAL INFORMATION

Hazardous ingredients:	ORL MUS LD50	ORL RAT LD50	IRL RAT LC50	SCU MUS LDLO	SKN RBT LD50
Tributoxyethyl Phosphate		> 3000 mg/kg	> 6.4 MG/KG		

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

12 ECOLOGICAL INFORMATION

Hazardous ingredients:	Tributoxyethyl Phosphate Daphnia 48H EC50 75 mg/l Fish Fathead Minnows 96H LC50 16 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%.
Preservative.

Risk phrases used in s.3: R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 WOOD FLOOR SEAL

Description

A water based emulsion that is fast drying, has low odour and is easy to apply. This product produces a rich colour and a superb deep gloss without the hazard of solvent based floor seals.

Features and Benefits

- Designed for heavy traffic areas
- Fast drying
- Low odour, non-flammable and easy to apply

How to Use

Surface Preparation for Sanding Floors

Sand the floor down to clean bare wood, this should be carried out by a professionally trained floor sander. On the final finishing use a 120 grit paper. After all sanding has finished, vacuum thoroughly.

Application

With a lambswool applicator apply a generous even coat of seal, do not leave puddles and make certain the correct amount of seal is used. Take care not to overlap coats. Allow the first coat to dry thoroughly, then lightly buff the floor with a single brush rotary machine fitted with a green pad. Vacuum the floor thoroughly to remove all dust and small debris, then apply the second coat at right angles to the first. It may be necessary to apply a further coat if it is a soft wood floor or to achieve a high gloss finish.

Preparation for floors that have been sealed previously when sanding is not required

All floors that have been maintained with solvent wax polish and have not been sealed should be sanded. Sealed floors that are worn and where bare patches are evident, the worn patches will show through the seal.

Surface Preparation

Thoroughly clean the floor with a single brush rotary machine fitted with a black pad using the appropriate stripping solution to remove all remnants of old polish and soil. Allow the floor to dry thoroughly. Buff floor with a 120 grid sand screen disc to make certain that all old loose seal is removed. Vacuum floor.

Typical Product Data

Appearance:	Liquid
Colour:	White
Odour/Taste:	Characteristic odour
pH-Value, Conc:	8-0

Storage

Store in original sealed container and protect from extremes of temperature.