



Jangro Limited
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JANGRO BD265-5

Revision May 2010

PRODUCT SAFETY DATA SHEET

1 IDENTIFICATION OF PREPARATION AND THE SUPPLIER

Trade Name: JANGRO SOVEREIGN TOTAL FLOOR TREATMENT
Use: Designed for use on stone, concrete, terrazzo, porous linoleum, thermoplastic and wood floors.
Supplier: Jangro Limited, as above
Emergency Tel: 01444 244000

2 HAZARDS IDENTIFICATION

Main hazards: No significant hazard

3 COMPOSITION/INFORMATION ON INGREDIENTS

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

4 FIRST AID MEASURES

Skin 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. Consult a doctor.
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: Wash the spillage site with large amounts of water.

7 HANDLING AND STORAGE

Storage conditions: Store in cool, well ventilated area. 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
Relative density:	1.030

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 LD 50	ORL RAT LD50	ORL RAT LC50
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

Safety phrase:	S2	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:

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 TOTAL FLOOR TREATMENT

Description

A revolutionary product that is used as a single floor treatment. This is a water based emulsion seal that, will under normal circumstances last for up to two years without the need for additional treatments. As Total Floor Treatments should never need to be stripped it provides users with an extremely cost effective way to treat floors. Suitable for terrazzo, stone, concrete, porous composition, linoleum, vinyl, thermoplastic and wood floors.

Features and Benefits

- This unique floor treatment is a blend of polymers that exhibit amazing properties.
- It has exceptionally long life and has excellent soil resistance.
- Designed for use on floors in areas of heavy traffic.
- It is a water based emulsion seal that is fast drying, has low odour, non-flammable and easy to apply.
- Produces a clear coating with a superb satin lustre without the hazards of solvent based floor seals.

How to Use

Surface Preparation Thoroughly clean 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.
The floor is now ready for the application.

Application With a flat mop 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. 1 hour is usually sufficient.
Then apply one or two further coats evenly on the floor surface allowing each coat to dry thoroughly.

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.