

SAFETY DATA SHEET

Section 1. Identification of the material and the supplier

Product: **CETOL DECK**
Item Code:
Product Use: Finish for timber decks
Restriction of Use: Refer to Section 15

New Zealand Supplier: Jac Jay Ltd
Address: 25 Walls Road
Penrose, Auckland

Telephone: +64 9 571 0023
Fax Number: +64 9 571 0022

Emergency Telephone: 0800 764 766 (National Poison Centre)

Manufacturer: Akzo Nobel Decorative Coatings
G. Levisstrat 2, B-1800 Vilvoorde, Begium
Telephone: 32 2 254 2211
Fax: 32 2 254 2335

Date of SDS Preparation: 23 February 2015

Section 2. Hazards Identification

This substance is hazardous according to the HSNO (Minimum Degrees of Hazard) Regulations 2001

EPA Approval No: Surface Coatings and Colourants (Flammable, Toxic][6.7]) 2006 – HSR002669

Pictograms



Flammable Allergic Chronic Ecotoxic

Signal Word: DANGER

HSNO Classification	Hazard Code	Hazard Statement	GHS Category
3.1C	H226	Flammable liquid and vapour.	Category 3
6.1E(aspiration)	H304	May be fatal if swallowed and enters airways.	Category 1
6.3B	H316	Causes mild skin irritation.	Category 3
6.5B	H317	May cause an allergic skin reaction.	Category 1
6.7B	H351	Suspected of causing cancer.	Category 2
6.8B	H361	Suspected of damaging fertility or the unborn child.	Category 2

6.9B	H373	May cause damage to organs through prolonged or repeated exposure.	Category 2
9.1B	H411	Toxic to aquatic life with long lasting effects.	Category 2
9.2C	H423	Harmful to the soil environment.	

Prevention Code	Prevention Statement
P102	Keep out of reach of children.
P103	Read label before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, sparks, open flames or hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical, ventilating and lighting.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breath fumes, mists, vapours or spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective clothing.
P281	Use personal protective equipment as required.

Response Code	Response Statement
P101	If medical advice is needed, have product container or label at hand.
P314	Get medical advice/attention if you feel unwell.
P331	Do NOT induce vomiting.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P303 + P361+P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P308 + P313	IF exposed or concerned: Get medical advice/ attention.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P370 + P378	In case of fire: Use alcohol-resistant foam, CO2, powders or water spray for extinction.

Storage Code	Storage Statement
P405	Store locked up.
P403 + P235	Store in a well-ventilated place. Keep cool.

Disposal Code	Disposal Statement
P501	Triple rinse container before disposal or crush or puncture to prevent reuse.

Section 3. Composition / Information on Ingredients

Ingredients	Wt%	CAS NUMBER.
Naphtha (Petroleum) Hydrotreated Heavy	10-25	64742-82-1
Solvent Naphtha (Petroleum), Light Arom.	5-10	64742-95-6
Xylene	1-5	1330-20-7
1,2,4-Trimethylbenzene	1.5	95-63-6
Mesitylene	<0.5	108-67-8
Ethyl Methyl Ketoxime	<0.3	96-29-7
Propylbenzene	<0.3	98-82-8
Ethylbenzene	<0.2	100-41-1
Fatty Acids, C6-19 Branched, Cobalt(2+)Salts	<0.2	68409-81-4

Section 4. First Aid Measures

Routes of Exposure:

If in Eyes	Rinse cautiously with water for several minutes. If eye irritation persists: Get medical advice.
If on Skin	Wash with plenty of soap and water. If skin irritation occurs: get medical advice/attention.
If Swallowed	IF SWALLOWED: DO NOT induce vomiting. Never give anything to the mouth of an unconscious person. If vomiting occurs, place victim face downwards, with the head turned to the side and lower than the hips to prevent vomit entering the lungs. Immediately call a POISON CENTER or doctor/physician.
If Inhaled	Remove person to fresh air. Remove contaminated clothing and loosen remaining clothing. Allow person to assume most comfortable position and keep warm. Keep at rest until fully recovered. Get medical advice if breathing becomes difficult.

Section 5. Fire Fighting Measures

Hazard Type	Flammable Liquid
Hazards from combustion products	Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.
Suitable Extinguishing media	Alcohol-resistant foam, CO ₂ , powders, water spray. Do not use water jet.
Precautions for firefighters and special protective clothing	Keep run-off water out of sewers and water sources. Dike for water control. Cool containers exposed to fire with water spray. Use full protective equipment including self-contained breathing apparatus. Over exposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent.
HAZCHEM CODE	3Y

Section 6. Accidental Release Measures

Wear protective equipment as detailed in Section 8. Clear area of any unprotected personnel.

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Exclude non-essential personnel. Avoid breathing vapours. Absorb in vermiculite, dry sand or earth and place into containers. Confine spill. Do not allow product to enter drains. Clean area with detergent. Avoid using solvents.

If the product enters drains or sewers the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

Section 7. Handling and Storage**Precautions for Handling:**

- Read label before use.
- Do not handle until all safety precautions have been read and understood.
- Keep away from heat, sparks, open flames or hot surfaces. No smoking.
- Keep container tightly closed.
- Ground/bond container and receiving equipment.
- Use explosion-proof electrical, ventilating and lighting.
- Use only non-sparking tools.
- Take precautionary measures against static discharge.

- Avoid breathing fumes, mists, or spray.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective clothing.
- Use personal protective equipment as required.

Precautions for Storage:

- Store away from incompatible materials listed in Section 10.
- Store locked up.
- Keep out of reach of children
- Store in a well-ventilated place. Keep cool.

Section 8 Exposure Controls / Personal Protection

WORKPLACE EXPOSURE STANDARDS (provided for guidance only)

Substance	Cas No	TWA		STEL	
		ppm	mg/m ³	ppm	mg/m ³
Xylene (2001)	1330-20-7	50	217	-	-
Cumene (skin, 2001)	98-82-8	25	125	75	375

Workplace Exposure Standard – Time Weighted Average (WES-TWA). *The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.* Workplace Exposure Standard – Short-Term Exposure Limit (WESSTEL). *The 15-minute average exposure standard.* Applies to any 15- Minute period in the working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to the WES-TWA; both the short-term and time-weighted average exposures apply.

Engineering Controls

Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the WEL, suitable respiratory protection must be worn.

Personal Protection

Eyes	Use safety eyewear designed to protect against splash of liquids.
Hands and Skin	Chemical resistant gloves required for prolonged or repeated contact.
Respiratory	Where good natural (or mechanical exhaust) ventilation is not practicable, suitable respiratory equipment must be worn.

Section 9 Physical and Chemical Properties

Appearance	Thixotropic Liquid
Odour	Hydrocarbon
Odour Threshold	Not applicable
pH	Not applicable
Boiling Point	Not applicable
Melting Point	Not applicable
Freezing Point	Not applicable
Flash Point	36-37°C
Flammability	Not applicable
Upper and Lower Exposure Limits	Not applicable
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Specific Density	0.91 20 °C
Solubilities	Immiscible with water.
Partition Coefficient:	Not applicable

Auto-ignition Temperature	Not applicable
Decomposition Temperature	Not applicable
VOC	521 g/L
Particle Characteristics	Not applicable
Viscosity	>30 s 23 °C (3 mm ISO cup EN ISO 2431)

Section 10. Stability and Reactivity

Stability of Substance	Stable under recommended storage and handling conditions.
Conditions to Avoid	None known
Incompatible Materials	Strong oxidizing agents. Strong acids. Strong alkalis. Strong reducing agents.
Hazardous Decomposition Products	Toxic gases/vapours/fumes of: Carbon dioxide (CO ₂), Carbon monoxide (CO) and oxides of nitrogen may be produced.

Section 11 Toxicological Information

Acute Effects:

Swallowed	Not applicable.
Dermal	Not applicable.
Inhalation	Not applicable.
Eye	Not applicalbe.
Skin	Causes mild skin irritation. May cause an allergic reaction.

Chronic Effects:

Carcinogenicity	Suspected of causing cancer.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child.
Germ Cell Mutagenicity	Not applicable.
Aspiration	May be fatal if swallowed and enters airways.
STOT/SE	Not applicable.
STOT/RE	May cause damage to organs through prolonged or repeated exposure.

Section 12. Ecotoxicological Information

HSNO Classes: 9.1B = Toxic to aquatic life with long lasting effects.
9.2C = Harmful to the soil environment.

Persistence and degradability	No data available
Bioaccumulation	No data available
Mobility in Soil	No data available
Other adverse effects	No data available

Do not allow to enter drains or watercourses.

Section 13. Disposal Considerations

Disposal Method: Dispose of container at an authorized Paint disposal depot

Precautions: Do not allow to enter drains or watercourses. Add rinsate to appropriate waste container for disposal. Ensure waste container is labelled "Hazardous Waste – Flammable, Ecotoxic"

Section 14 Transport Information**This product is classified as a Dangerous Good for transport in NZ ; NZS 5433:2012**Road and Rail Transport

UN No 1263
 Class-primary 3
 Packing Group III
 Proper Shipping Name: PAINT

Air Transport

UN No 1263
 Class-primary 3
 Packing Group III
 Proper Shipping Name: PAINT

Marine Transport

UN No 1263
 Class-primary 3
 Packing Group III
 Proper Shipping Name: PAINT

Section 15 Regulatory Information

EPA Approval Code: **Surface Coatings and Colourants (Flammable, Toxic[6.7]) 2006 – HSR002669**

HSNO Classification: 3.1C, 6.1E(aspiration), 6.3B, 6.5B, 6.7B, 6.8B, 6.9B, 9.1B, 9.2C

HSNO Controls:

Trigger quantities for this substance:

	Trigger Quantity
Approved Handler	Not required
Location Certificate	Not required
Tracking Trigger Quantities	Not required
Signage Trigger Quantities	1000L (9.1B)
Emergency Response Plan	1000L (9.1B)
Secondary Containment	1000L (9.1B)
Restriction of Use	None

Section 16 Other Information**Glossary**

EC₅₀ Median effective concentration.
 EEL Environmental Exposure Limit.
 EPA Environmental Protection Authority
 HSNO Hazardous Substances and New Organisms.
 LC₅₀ Lethal concentration that will kill 50% of the test organisms inhaling or ingesting it.
 LD₅₀ Lethal dose to kill 50% of test animals/organisms.
 LEL Lower explosive level.
 OSHA American Occupational Safety and Health Administration.
 TEL Tolerable Exposure Limit.
 TLV Threshold Limit Value-an exposure limit set by responsible authority.
 UEL Upper Explosive Level
 WES Workplace Exposure Limit

Disclaimer

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Please contact the New Zealand distributor, if further information is required.

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