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Emergency Telephone No. +612 9634-5560

**MATERIAL SAFETY DATA SHEET**  
**UT300 CLEAR TIMBER SEALER – PART “A”**

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**MATERIAL SAFETY DATA SHEET**

**Hazardous According to Criteria of Worksafe Australia**

**COMPANY DETAILS**

**Company** : BC Coatings  
**Address** : 2 Hume Road Smithfield, N.S.W., 2164  
**Telephone Number** : +612 9729-2000  
**Emergency Telephone No.** : +612 9729-2279

**IDENTIFICATION**

**Product Name** : **UT300 CLEAR TIMBER SEALER - PART “A”**  
**Other Names** : UT300 Timber Sealer  
**Product Code** : UT300 “A”  
**UN Number** : 1263  
**Dangerous Goods Class** : 3  
**Subsidiary Risk** : None allocated  
**Hazchem Code** : 3YE  
**Poisons Schedule** : S5  
**Use** : Sealer for high class furniture finishes.

**PHYSICAL DESCRIPTION / PROPERTIES**

**Appearance** : Light amber, translucent liquid.  
**Boiling Point** : 126 °C  
**Vapour Pressure** : 1.33 kPa @ 20 °C  
**Specific Gravity** : 0.985 ± 0.005  
**Flash Point** : 23 °C (Tag Closed Cup)  
**Flammability Limits** : 1.7 LEL / 7.6 UEL (% volume)  
**Solubility in Water** : Negligible  
**Other Properties** : Can readily form flammable mixture.

**INGREDIENTS**

<b>Chemical Entity</b>	<b>CAS No.</b>	<b>Proportion (% w/w)</b>
Fatty Acid Modified Hydroxylated Polyester	N/A	30 - 60
Xylene	1330-20-7	30 - 60
n-Butyl Acetate	123-86-4	10 - 30
Miscellaneous Additives (Proprietary Blend)	N/A	< 10

**HEALTH HAZARD INFORMATION****HEALTH EFFECTS - ACUTE EXPOSURE**

- Swallowed** : Moderately toxic. Ingestion can result in nausea, vomiting, diarrhoea.
- Eye** : A moderate eye irritant. May cause redness, tearing or blurred vision.
- Skin** : Prolonged covered contact, as from wet clothing, may cause severe irritation .
- Inhaled** : High vapour concentrations may cause headaches and dizziness and other central nervous system problems with effects such as loss of co-ordination, impaired judgment and, if exposure is prolonged, unconsciousness.

**HEALTH EFFECTS - CHRONIC EXPOSURE**

- Skin** : Prolonged or repeated skin contact causes severe irritation and may lead to de-fatting and dermatitis.

**FIRST AID**

- Swallowed** : Give neither milk nor animal or vegetable fats of any kind.  
Do **NOT** induce vomiting.  
Should vomiting occur, place patient's head downwards, head lower than hips, to prevent vomit entering the lungs.  
This is especially important as aspiration of this material into the lungs can cause chemical pneumonia, which can be fatal.  
Call a doctor and/or transport to an emergency facility or hospital **IMMEDIATELY**.
- Eye** : **IMMEDIATELY** and continuously irrigate with copious quantities of water for at least 15 minutes. Eyelids should be held open.  
Seek **IMMEDIATE** medical attention.
- Skin** : Remove contaminated clothing and wash the affected areas thoroughly with water, then mild soap and water.  
If exposure has been prolonged or severe or if swelling, redness or irritation occur, seek medical advice.  
Launder contaminated clothing before re-use.
- Inhaled** : Remove affected person(s) to fresh air, taking care not to become affected yourself.  
Remove any contaminated clothing and loosen remaining clothing.  
If breathing is normal, allow the patient to assume the most comfortable position and keep warm. Keep at rest until fully recovered.  
If breathing is difficult and patient is cyanotic (blue), ensure airways are clear and have a qualified person give oxygen through a face mask.  
If breathing has stopped, commence Expired Air Resuscitation (E.A.R.).  
In the event of cardiac arrest commence Cardio-Pulmonary Resuscitation (C.P.R.) and seek **IMMEDIATE** medical attention.
- First aid facilities** : Shower facilities and eye wash stations should be provided.

**ADVICE TO DOCTOR**

:Treat symptomatically.

**PRECAUTIONS FOR USE****Exposure Standards**

No value has been assigned for this specific material by the N.H.M.R.C.

However, the Threshold Limit Value(TLV) for Xylene is quoted as :  
80 ppm (350 mg/m<sup>3</sup>) as published by Worksafe 1988.

TLV is the time weighted average concentration of the workplace atmosphere for a normal 8 hour work day and a 40 hour week, to which nearly all workers may be repeatedly exposed day after day without adverse effect.

These TLV,s are issued as guidelines only and should not be interpreted as the fine line between safe and dangerous conditions.

All atmospheric contamination should be kept to as low a level as is practically possible.

**ENGINEERING CONTROLS:**

Ensure sufficient ventilation to maintain concentration below exposure standard.

Use with local exhaust ventilation or while wearing organic vapour respirator.

The effectiveness of an air purifying respirator is limited.

Use it only for a single, short term exposure.

**Note**

Vapour is heavier than air and may collect in hollows, pits, storage tanks or sumps.

Do **NOT** enter confined spaces where vapour may have collected without using an approved, positive pressure, self-contained breathing apparatus and an observer is present for assistance.

**PERSONAL PROTECTION:**

Skin contact should be avoided by wearing chemically resistant work clothing, boots and gloves.

Eyes should be protected by chemical splash goggles or safety glasses fitted with side shields.

If vapour causes eye irritation or if an inhalation risk exists a full-face, organic vapour respirator should be used.

**NOTE**

Make sure the correct cartridges are used for the potential air contamination.

The effectiveness of an air purifying respirator is limited.

Use it only for a single, short term exposure.

For emergency and other conditions where the exposure guide line may be greatly exceeded, use an approved, positive pressure, self-contained breathing apparatus and an observer is present for assistance.

**ALWAYS** wash hands before eating, drinking, smoking or using the toilet.

**FLAMMABILITY**

Can readily form flammable mixture with air .

Flammable Liquid.

Avoid all ignition sources.

Avoid direct sources of heat and naked light.

Flameproof equipment necessary where this product is being used.

Nearby equipment should be earthed.



**SAFE HANDLING INFORMATION - continued****FIRE AND EXPLOSION HAZARD:**

Flammable liquid.

When burning may form toxic materials such as carbon monoxide, carbon dioxide, various hydrocarbons, fumes and smoke.

Heating can cause rupturing of containers with explosive force.

If safe to do so, remove containers from the path of the fire and keep cool with water spray.

Firefighters should wear self-contained breathing apparatus with a full face piece and operated in positive pressure mode.

**FIREFIGHTING :**

Use foam, carbon dioxide or dry chemical.

Water spray may be ineffective.

**OTHER INFORMATION****TOXICITY :**No LD<sub>50</sub> data available for this specific product.

However for Xylene (solvent ) :

Oral	LD <sub>50</sub>	(rat)	: 5,000 mg/kg
Inhalation	LC <sub>50</sub>	(rat)	: 5,320 ppm/8hours
Inhalation	Lowest Toxic Concentration	(human)	: 200 ppm (CNS recorded changes, hallucinations )
Skin			: Mild irritant

Evidence from animal test is available to indicate that repeated or prolonged exposure to Xylene could result in liver, kidney and central nervous system disorders.

**REACTIVITY/COMPATIBILITY:**

Hazardous polymerization : Cannot occur

Stability : Stable

Incompatibility : Avoid contact with strong alkalis, mineral acids and strong oxidizers.

**CONTACT POINT**

BC COATINGS +612 9729-2000

TECHNICAL DIRECTOR Mr. David Decorte

The information contained herein is based on data available to BC Coatings from both our own technical sources and from recognised published references and is believed to be both accurate and reliable. Since we cannot anticipate or control the many different conditions under which this information and our products may be used, each user should review these recommendations in the specific context of the intended application and confirm whether they are applicable.