

FLOOR TUFF XYLENE/SOLVENT

Date of issue: 4 July 2006

1. IDENTIFICATION

Product Name: FLOOR TUFF XYLENE/SOLVENT
Other Names: Dimethyl benzene, xylol, methyl toluene
Use: Solvent

Supplier:

Name: Global Safe Technologies (Australia) Pty Ltd
Address: 23/159 Chifley Street, Wetherill Park, NSW 2164
Telephone: 1 300 668 620

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS

Classified as hazardous according to criteria of NOHSC.

Classified as dangerous goods for transport by road and rail according to criteria of ADG 6.

Hazard Classification:

Harmful - irritating to eyes, nose and throat.

Risk Phrases:

R20/21: Harmful by inhalation, in contact with the skin and if swallowed.
R38: Irritating to skin.

Safety Phrases:

S2: Keep out of the reach of children.
S25: Avoid contact with eyes.

3. COMPOSITION

Ingredient	CAS No.	% w/w
m-Xylene:	108-38-3	40-65 %
o-Xylene:	95-47-6	15-20%
p-Xylene:	106-42-3	< 20%

4. FIRST AID MEASURES

Contact a Poisons Information Centre (Phone 13 11 26) or a doctor in every case of suspected chemical poisoning. Do NOT give fluids or induce vomiting if a patient is unconscious or convulsing regardless of cause of injury. If breathing difficulties occur seek medical attention immediately.

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Skin: Remove contaminated clothing and wash affected areas with copious quantities of soap and water.

Eye: Hold eyes open and flood with plenty of water for least 15 minutes. Seek medical advice immediately.

Inhalation: Remove to fresh air and **urgently** seek medical advice. If not breathing apply artificial respiration.

Ingestion: Do NOT induce vomiting. Give water to drink. Seek urgent medical advice.

5. FIRE FIGHTING MEASURES

Flammability: Flammable. Flashpoint 29°C.

Suitable extinguishing media: Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool.

Hazards from combustion products: above flashpoint, vapour-air mixtures are explosive within flammable limits. Vapours can flow along surfaces to distant ignition sources and flashback. May produce oxides of carbon.

Precautions for fire-fighters and special protective equipment: Wear full protective clothing and self contained breathing apparatus with full face operated in the pressure demand or other positive pressure mode.

Hazchem: 3[Y]

6. ACCIDENTAL RELEASE MEASURES

Emergency procedures:

Wear protective clothing, solvent resistant gloves and safety goggles and respiratory protection (if ventilation limited).

Containment and clean up

Remove sources of ignition. Prevent spill from entering drains or watercourses. Keep unnecessary in unprotected personnel from entering. Absorb with sand, earth or vermiculite. Do not use combustible materials such as sawdust. Discard to suitable landfill in accordance with local regulations.

7. HANDLING AND STORAGE

Handling:

Containers should be bonded and grounded for transfers to avoid static sparks. Vapours may collect in low lying areas. Ensure ventilation, either natural or artificial, is present to disperse vapours. Avoid prolonged or frequent contact. Avoid breathing mist or vapours. Use protective equipment where required.

Storage:

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Protect against physical damage. Store in a cool, dry well-ventilated location, away from ignition sources, foodstuffs and clothing. Outside or detached storage is preferred. Separate from oxidising materials. Storage and use areas should be No Smoking areas. Containers of this material may be hazardous when empty since they retain product residues (vapours, liquid).

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure standards:

TWA: 80 ppm / 350 mg/m³ (NOHSC)
STEL: 150 ppm / 655 mg/m³ (NOHSC)

Engineering controls:

Use local or forced (flame proof) ventilation to minimise inhalation of vapours. If ventilation is inadequate, wear a suitable respirator (Filter Type A labelled as suitable for xylene vapours) or self contained breathing apparatus. Keep sparks and ignition sources away from product in application area during application, as product is flammable.

Personal protective equipment:

Wear protective clothing, solvent resistant gloves, safety goggles or face shield. If ventilation is inadequate, wear a suitable respirator (Filter Type A labelled as suitable for xylene vapours) or self contained breathing apparatus. Always wash after use and before eating, smoking, drinking or using the toilet.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Clear, colourless liquid.
Boiling Point:	137-140 °C @101.3 Kpa
Vapour Pressure:	8 mm Hg @ 20°C
Relative Vapour Density:	3.7 (air=1)
Specific Gravity:	0.86 @ 20°C
Flashpoint:	29°C
Flammability Limits:	1.0 - 7.0 % (xylene)
Autoignition Temperature:	464°C
Solubility:	Insoluble

10. STABILITY AND REACTIVITY

Stability:

Stable under normal conditions.

Incompatible materials: Strong oxidizers and strong acids.

Hazardous decomposition products: Carbon monoxide and unidentified organic components.

Hazardous reactions/polymerisation: Will not occur

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11. TOXICOLOGICAL INFORMATION

Eye: Irritating to eyes.

Skin: Irritating to skin.

Swallowed: Ingestion could cause irritation and burning sensation. Oral LD50: 4300 mg/kg (rat).

Inhaled: Can cause irritation of the respiratory system and mucous membranes. LC50: 5000 ppm/4hr.

Chronic: Not classified as a carcinogen. May cause teratogenic effects.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Xylene, when released into the soil evaporates to a moderate extent and may leach into groundwater.

Mobility, persistence and degradability: expected to biodegrade to a moderate extent in soil and water. In air, moderately degraded by reaction was photochemically produced hydroxyl radicals. It is expected to have a half-life of less than one day in the air. Not expected to significantly by accumulate (BCF = 1.3).

13. DISPOSAL CONSIDERATIONS

Dispose of unused or recovered product in accordance with local regulations/requirements. Contact local authorities or a reputable waste disposal company for local requirements.

14. TRANSPORT INFORMATION

Classified as dangerous goods for transport by road or rail according to criteria of ADG 6.

UN Number: 1307
Risk: 3
Subsidiary Risk: None assigned
Packing Group: III
Proper Shipping Name: XYLENES

Hazchem Code: 3[Y]

15. REGULATORY INFORMATION

Poisons Schedule: S6

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16. OTHER INFORMATION

Prepared using information from suppliers of ingredients and publicly available databases, which is believed to be correct. It is provided as a guide to the handling of this product. Global Safe Technologies (Australia) Pty Ltd provides no guarantees all warranties implied or expressed and assumes no responsibility for the accuracy or completeness of the information contained in this document.

Prepared: 4 July 2006