Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME
WATTYL POLY U400 (PART B)

SYNONYMS
"Product Code: 202279", "polyurethane Poly U-400 Pack B curing agent hardener converter"

PROPER SHIPPING NAME
PAINT

PRODUCT USE
Part B or Hardener of a 2 pack. urethane coating system. Requires that the two parts be mixed by hand or mixer before use, in accordance with manufacturers directions. Mix only as much as is required. Application is usually by spray atomisation in a ventilated spray booth, after viscosity reduction with thinner or may also be applied by airless spray atomisation. CONTAINS free organic isocyanate. Mixing and application requires special precautions and use of personal protective gear [APMF]. Long term storage or storage at temperatures higher than normal may increase the free organic isocyanate content to 0.9% maximum. Heavy-duty recoatable polyurethane finish.

SUPPLIER
Company: Wattyl Pty Ltd
Address: 4 Steel St
Blacktown
NSW, 2148
AUS
Telephone: +61 2 9621 6255
Emergency Tel: 1800 039 008
Fax: +61 2 9831 4244

Section 2 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE
HAZARDOUS SUBSTANCE. DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

POISONS SCHEDULE
None

RISK
Risk Codes  Risk Phrases
R10  Flammable.
R20  Harmful by inhalation.
R36  Irritating to eyes.
R40(3)  Limited evidence of a carcinogenic effect.
R42  May cause SENSITISATION by inhalation.
R43  May cause SENSITISATION by skin contact.
R61(2)  May cause harm to the unborn child.
R65  HARMFUL- May cause lung damage if swallowed.
R67  Vapours may cause drowsiness and dizziness.

SAFETY
Safety Codes  Safety Phrases
S01  Keep locked up.
S36  Wear suitable protective clothing.
S38  In case of insufficient ventilation wear suitable respiratory equipment.
S401  To clean the floor and all objects contaminated by this material use water and detergent.
S35  This material and its container must be disposed of in a safe way.
S13  Keep away from food drink and animal feeding stuffs.
S60  This material and its container must be disposed of as hazardous waste.

continued...
Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>NAME</th>
<th>CAS RN</th>
<th>%</th>
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<tbody>
<tr>
<td>hexamethylene diisocyanate polymer</td>
<td>28182-81-2</td>
<td>30-60</td>
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<tr>
<td>hexamethylene diisocyanate</td>
<td>822-06-0</td>
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<td>propylene glycol monomethyl ether acetate, alpha- isomer</td>
<td>108-65-6</td>
<td>20-40</td>
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<td>xylene</td>
<td>1330-20-7</td>
<td>1-9</td>
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<td>ethylbenzene</td>
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<td>&lt;2</td>
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<td>additives</td>
<td>&lt;1</td>
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<tr>
<td>contains less than 0.1% benzene</td>
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</table>

Section 4 - FIRST AID MEASURES

SWALLOWED
· If swallowed do NOT induce vomiting.
· If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
· If spontaneous vomiting appears imminent or occurs, hold patient’s head down, lower than their hips to help avoid possible aspiration of vomitus.

EYE
If this product comes in contact with the eyes:
· Wash out immediately with fresh running water.
· Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

SKIN
If skin contact occurs:
· Immediately remove all contaminated clothing, including footwear.
· Flush skin and hair with running water (and soap if available).

INHALED
· If fumes or combustion products are inhaled remove from contaminated area.
· Lay patient down. Keep warm and rested.

NOTES TO PHYSICIAN
Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically.

for lower alkyl ethers:

BASIC TREATMENT

· Establish a patent airway with suction where necessary.
· Watch for signs of respiratory insufficiency and assist ventilation as necessary.
· This material may be a potent pulmonary sensitiser which causes bronchospasm even in patients without prior airway hyperreactivity.
· Clinical symptoms of exposure involve mucosal irritation of respiratory and gastrointestinal tracts.

Section 5 - FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA
· Foam.
· Dry chemical powder.

FIRE FIGHTING
· Alert Fire Brigade and tell them location and nature of hazard.
· May be violently or explosively reactive.
When any large container (including road and rail tankers) is involved in a fire, consider evacuation by 500 metres in all directions.

FIRE/EXPLOSION HAZARD
· Liquid and vapour are flammable.
· Moderate fire hazard when exposed to heat or flame.
Combustion products include: carbon dioxide (CO2), carbon monoxide (CO), isocyanates, and minor amounts of, hydrogen cyanide, continued...
nitrogen oxides (NOx), other pyrolysis products typical of burning organic material.
· Flooding quantities of water only.
· Small quantities of water in contact with hot liquid may react violently with generation of a large volume of rapidly expanding hot sticky semi-solid foam.
· Presents additional hazard when fire fighting in a confined space.

FIRE INCOMPATIBILITY
Avoid contamination with oxidising agents i.e. nitrates, oxidising acids, chlorine bleaches, pool chlorine etc.

HAZCHEM: 3[Y]

Personal Protective Equipment
Gas tight chemical resistant suit.

Section 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

MINOR SPILLS
· Remove all ignition sources.
· Clean up all spills immediately.

MAJOR SPILLS
· Clear area of personnel and move upwind.
· Alert Fire Brigade and tell them location and nature of hazard.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

Section 7 - HANDLING AND STORAGE

PROCEDURE FOR HANDLING
· Containers, even those that have been emptied, may contain explosive vapours.
· Do NOT cut, drill, grind, weld or perform similar operations on or near containers.
· Do NOT allow clothing wet with material to stay in contact with skin.
· Electrostatic discharge may be generated during pumping - this may result in fire.
· Ensure electrical continuity by bonding and grounding (earthing) all equipment.
· Avoid all personal contact, including inhalation.
· Wear protective clothing when risk of overexposure occurs.

SUITABLE CONTAINER
· Packing as supplied by manufacturer.
· Plastic containers may only be used if approved for flammable liquid.
· For low viscosity materials (i) : Drums and jerry cans must be of the non-removable head type. (ii) : Where a can is to be used as an inner package, the can must have a screwed enclosure.
· For materials with a viscosity of at least 2680 cSt. (23 deg. C).

STORAGE INCOMPATIBILITY
· Avoid reaction with water, alcohols and detergent solutions.
· Isocyanates and thioisocyanates are incompatible with many classes of compounds, reacting exothermically to release toxic gases. Reactions with amines, strong bases, aldehydes, alcohols, alkali metals, ketones, mercaptans, strong oxidisers, hydrides, phenols, and peroxides can cause vigorous releases of heat. Acids and bases initiate polymerisation reactions in these materials. Avoid cross contamination between the two liquid parts of product (kit). If two part products are mixed or allowed to mix in proportions other than manufacturer's recommendation, polymerisation with gelation and evolution of heat (exotherm) may occur.

STORAGE REQUIREMENTS
· Store in original containers in approved flammable liquid storage area.
· DO NOT store in pits, depressions, basements or areas where vapours may be trapped.

continued...
Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS

<table>
<thead>
<tr>
<th>Source</th>
<th>Material</th>
<th>TWA ppm</th>
<th>TWA mg/m³</th>
<th>STEL ppm</th>
<th>STEL mg/m³</th>
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<tbody>
<tr>
<td>Australia Exposure Standards</td>
<td>hexamethylene diisocyanate polymer (Isocyanates, all (as-NCO))</td>
<td>0.02</td>
<td>0.07</td>
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<td></td>
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<tr>
<td>Australia Exposure Standards</td>
<td>hexamethylene diisocyanate (Isocyanates, all (as-NCO))</td>
<td>0.02</td>
<td>0.07</td>
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</tr>
<tr>
<td>Australia Exposure Standards</td>
<td>propylene glycol monomethyl ether acetate, alpha-isomer (1-Methoxy-2-propanol acetate)</td>
<td>50</td>
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<tr>
<td>Australia Exposure Standards</td>
<td>xylene (Xylene (o-, m-, p-isomers))</td>
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<td>Australia Exposure Standards</td>
<td>ethylbenzene (Ethyl benzene)</td>
<td>100</td>
<td>434</td>
<td>125</td>
<td>543</td>
</tr>
</tbody>
</table>

PERSONAL PROTECTION

RESPIRATOR
Type A-P Filter of sufficient capacity

EYE
- Safety glasses with side shields.
- Chemical goggles.

HANDS/FEET
Wear chemical protective gloves, eg. PVC.
NOTE: The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.
Suitability and durability of glove type is dependent on usage. Factors such as:
- frequency and duration of contact,
- chemical resistance of glove material,
Neoprene gloves.

OTHER
- Overalls.
- PVC Apron.

ENGINEERING CONTROLS
For flammable liquids and flammable gases, local exhaust ventilation or a process enclosure ventilation system may be required.
Ventilation equipment should be explosion-resistant.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE
Coloured flammable liquid with a strong solvent odour; not miscible with water.
Reacts with water to produce carbon dioxide.

PHYSICAL PROPERTIES
Liquid.
Does not mix with water.
Sinks in water.

Molecular Weight: Not applicable
Melting Range (°C): Not available
Solubility in water (g/L): Immiscible
pH (1% solution): Not Applicable
Volatile Component (%vol): 40-50
Relative Vapour Density (air=1): >1
Boiling Range (°C): 138-145
Specific Gravity (water=1): 1.05-1.10
pH (as supplied): Not Applicable
Vapour Pressure (kPa): Not Available
Evaporation Rate: Not Available
Flash Point (°C): 50
Upper Explosive Limit (%): Not Available
continued...
WATTYL POLY U400 (PART B)

Chemwatch Material Safety Data Sheet
Issue Date: 18-Mar-2008
XC9317EC

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Version No: 5
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Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Autoignition Temp (°C): Not Available
Decomposition Temp (°C): Not Available
State: Liquid
Viscosity: Not Available

Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

CONDITIONS CONTRIBUTING TO INSTABILITY
· Presence of incompatible materials.
· Product is considered stable.

Section 11 - TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS
Harmful by inhalation.
Irritating to eyes.
HARMFUL - May cause lung damage if swallowed.

CHRONIC HEALTH EFFECTS
May cause SENSITISATION by inhalation.
May cause SENSITISATION by skin contact.
Limited evidence of a carcinogenic effect.

Vapours may cause dizziness or suffocation.
Vapours may cause drowsiness and dizziness.

May cause harm to the unborn child.

TOXICITY AND IRRITATION

unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

Contact allergies quickly manifest themselves as contact eczema, more rarely as urticaria or Quincke's oedema. The pathogenesis of contact eczema involves a cell-mediated (T lymphocytes) immune reaction of the delayed type.

Allergic reactions which develop in the respiratory passages as bronchial asthma or rhinoconjunctivitis, are mostly the result of reactions of the allergen with specific antibodies of the IgE class and belong in their reaction rates to the manifestation of the immediate type. In addition to the allergen-specific potential for causing respiratory sensitisation, the amount of the allergen, the exposure period and the genetically determined disposition of the exposed person are likely to be decisive.

Particular attention is drawn to so-called atopic diathesis which is characterised by an increased susceptibility to allergic rhinitis, allergic bronchial asthma and atopic eczema (neurodermatitis) which is associated with increased IgE synthesis. Exogenous allergic alveolitis is induced essentially by allergen specific immune-complexes of the IgG type; cell-mediated reactions (T lymphocytes) may be involved. Such allergy is of the delayed type with onset up to four hours following exposure.

The material may produce moderate eye irritation leading to inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

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### Inhalation (rat) LC50: 60 mg/m³/4h
Oral (mouse) LD50: 350 mg/kg
Inhalation (mouse) LC50: 30 mg/m³
Intravenous (mouse) LD50: 5.6 mg/kg
Dermal (rabbit) LD50: 593 mg/kg

#### PROPYLENE GLYCOL MONOMETHYL ETHER ACETATE, ALPHA-ISOMER:

- **TOXICITY**
  - Oral (rat) LD50: 8532 mg/kg
  - Dermal (rabbit) LD50: >5000 mg/kg* (*Reported Nil)

#### Inhalation (rat) LC50: 4345 ppm/6h
A BASF report (in ECETOC) showed that inhalation exposure to 545 ppm PGMEA (beta isomer) was associated with a teratogenic response in rabbits; but exposure to 145 ppm and 36 ppm had no adverse effects.

The beta isomer of PGMEA comprises only 10% of the commercial material, the remaining 90% is alpha isomer. Hazard appears low but emphasizes the need for care in handling this chemical.

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### Oral (human) LDLo: 50 mg/kg
Skin (rabbit): 500 mg/24h Moderate

### Inhalation (human) TCLo: 200 ppm
Eye (human): 200 ppm Irritant
Eye (rabbit): 87 mg Mild
Eye (rabbit): 5 mg/24h SEVERE

### Inhalation (man) LCLo: 10000 ppm/6h
Eye (rabbit): 5 mg/24h SEVERE

### Inhalation (rat) LC50: 5000 ppm/4h

#### XYLENE:

- **TOXICITY**
  - Oral (rat) LD50: 3500 mg/kg
  - Skin (rabbit): 15 mg/24h Mild

- **IRRITATION**
  - Inhalation (human) TCLo: 100 ppm/8h
  - Eye (rabbit): 500 mg - SEVERE

- **IARC: Group 3**
  - Not classifiable as to its carcinogenicity to humans.

### Inhalation (Guinea pig): LC 450 ppm/4h

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

The substance is classified by IARC as Group 3: NOT classifiable as to its carcinogenicity to humans.

Evidence of carcinogenicity may be inadequate or limited in animal testing.

Reproductive effect in rats

### ETHYLBENZENE:

- **TOXICITY**
  - Oral (rat) LD50: 3500 mg/kg

- **IRRITATION**
  - Inhalation (human) TCLo: 100 ppm/8h
  - Eye (rabbit): 500 mg - SEVERE

### Inhalation (rat) LC50: 4000 ppm/4h

The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

**NOTE:** Substance has been shown to be mutagenic in at least one assay, or belongs to a family of chemicals producing damage or change to cellular DNA.

**WARNING:** This substance has been classified by the IARC as Group 2B: Possibly Carcinogenic to Humans.

Liver changes, utheral tract, effects on fertility, foetotoxicity, specific developmental abnormalities (musculoskeletal system) recorded.

---

### MATERIAL

<table>
<thead>
<tr>
<th>hexamethylene disocyanate polymer</th>
<th>hexamethylene disocyanate xylene</th>
<th>ethylbenzene</th>
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<tbody>
<tr>
<td>CARCINOGEN</td>
<td>IARC: 3</td>
<td>IARC: 2B</td>
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<tr>
<td>REPROTOXIN</td>
<td>ILOP</td>
<td>ILOEI</td>
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<tr>
<td>SENSITISER</td>
<td>AUOEL</td>
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<tr>
<td>SKIN</td>
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</table>
Section 11 - TOXICOLOGICAL INFORMATION

SENSITISER
  - AUOEL: Australia Exposure Standards - Sensitisers: hexamethylene diisocyanate polymer

REPROTOXIN
  - ILOP: France Threshold Limit Values for Occupational Exposure (VLE, VME) - Allergens: hexamethylene diisocyanate

SENSITISER
  - AUOEL: Australia Exposure Standards - Sensitisers: hexamethylene diisocyanate

CARCINOGEN
  - IARC: International Agency for Research on Cancer (IARC) Carcinogens: xylene Category: The substance is classified by IARC as Group 3: NOT classifiable as to its carcinogenicity to humans. Evidence of carcinogenicity may be inadequate or limited in animal testing.

CARCINOGEN
  - ILOE: ILO Chemicals in the electronics industry that have toxic effects on reproduction: xylene

Section 12 - ECOLOGICAL INFORMATION

This material and its container must be disposed of as hazardous waste.

Section 13 - DISPOSAL CONSIDERATIONS

- Containers may still present a chemical hazard/danger when empty.
- Return to supplier for reuse/recycling if possible.
- Recycle wherever possible.
- Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.

Section 14 - TRANSPORTATION INFORMATION

Labels Required: FLAMMABLE LIQUID
Hazard Code: [Y]

UNDG:

<table>
<thead>
<tr>
<th>Class</th>
<th>UN Number</th>
<th>Subrisk</th>
<th>Packing Group</th>
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<tr>
<td>Dangerous Goods</td>
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<td>UN Number:</td>
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Shipping Name: PAINT (including paint, lacquer, enamel, varnish, liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)

Air Transport IATA:

<table>
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<tr>
<th>ICAO/IATA Class</th>
<th>UN/ID Number</th>
<th>Special provisions</th>
<th>Cargo Only</th>
<th>Packing Instructions</th>
<th>Passenger and Cargo</th>
<th>Maximum Qty/Pack</th>
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Maritime Transport IMDG:

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<th>EMS Number</th>
<th>Special provisions</th>
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<tr>
<td>3</td>
<td>1263</td>
<td>F- E, S- E</td>
<td>163 223 944 955</td>
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</tbody>
</table>

Limited Quantities: 5 L

Shipping Name: PAINT (including paint, lacquer, enamel, stain, shellac solutions, varnish, polish, liquid filler and liquid lacquer base) or PAINT RELATED MATERIAL (including paint thinning or reducing compound)
Section 15 - REGULATORY INFORMATION

POISONS SCHEDULE: None

REGULATIONS
Wattyl Poly U400 (Part B) (CAS: None):
No regulations applicable

hexamethylenediisocyanate polymer (CAS: 28182-81-2) is found on the following regulatory lists:
- Australia - New South Wales Hazardous Substances Requiring Health Surveillance
- Australia - Western Australia Hazardous Substances Requiring Health Surveillance
- Australia - Tasmania Hazardous Substances Requiring Health Surveillance
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix E (Part 2)
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 6

hexamethylenediisocyanate polymer (CAS: 53200-31-0) is found on the following regulatory lists:
- Australia - New South Wales Hazardous Substances Requiring Health Surveillance
- Australia - Western Australia Hazardous Substances Requiring Health Surveillance
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix E (Part 2)
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 6

hexamethylenediisocyanate (CAS: 822-06-0) is found on the following regulatory lists:
- Australia - New South Wales Hazardous Substances Requiring Health Surveillance
- Australia - Western Australia Hazardous Substances Requiring Health Surveillance
- Australia - Tasmania Hazardous Substances Requiring Health Surveillance
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Appendix E (Part 2)
- Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) - Schedule 6

IMO IBC Code Chapter 17: Summary of minimum requirements
IMO IBC Code Chapter 17: Summary of minimum requirements
International Council of Chemical Associations (ICCA) - High Production Volume List
OECD Representative List of High Production Volume (HPV) Chemicals

propylene glycol monomethyl ether acetate, alpha-isomer (CAS: 108-65-6) is found on the following regulatory lists:
- Australia - Exposure Standards
- Australia - Hazardous Substances
- Australia - High Volume Industrial Chemical List (HVICL)
- Australia - Inventory of Chemical Substances (AICS)
- IMO IBC Code Chapter 17: Summary of minimum requirements
- OECD Representative List of High Production Volume (HPV) Chemicals

xylene (CAS: 1330-20-7) is found on the following regulatory lists:
- Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (Domestic water supply - organic compounds)
- Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways - Domestic water quality
- Australia - Exposure Standards
- Australia - Hazardous Substances
- Australia - High Volume Industrial Chemical List (HVICL)
- Australia - Inventory of Chemical Substances (AICS)
- IMO IBC Code Chapter 17: Summary of minimum requirements
- IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk
- International Agency for Research on Cancer (IARC) Carcinogens
- International Council of Chemical Associations (ICCA) - High Production Volume List
- OECD Representative List of High Production Volume (HPV) Chemicals
- WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water

ethylbenzene (CAS: 100-41-4) is found on the following regulatory lists:
- Australia - Australian Capital Territory - Environment Protection Regulation: Ambient environmental standards (Domestic water supply - organic compounds)
- Australia - Australian Capital Territory - Environment Protection Regulation: Pollutants entering waterways taken to cause environmental harm (Aquatic habitat)

continued...
Section 15 - REGULATORY INFORMATION

Australia - Australian Capital Territory Environment Protection Regulation Ecosystem maintenance - Organic chemicals - Non-pesticide anthropogenic organics
Australia - Australian Capital Territory Environment Protection Regulation Pollutants entering waterways - Domestic water quality
Australia Exposure Standards
Australia Hazardous Substances
Australia High Volume Industrial Chemical List (HVICL)
Australia Inventory of Chemical Substances (AICS)
Australia National Pollutant Inventory
Australia Standard for the Uniform Scheduling of Drugs and Poisons (SUSDPS) - Schedule 5
IMO IBC Code Chapter 17: Summary of minimum requirements
IMO IBC Code Provisional Categorization of Liquid Substances
IMO MARPOL 73/78 (Annex II) - List of Noxious Liquid Substances Carried in Bulk
International Agency for Research on Cancer (IARC) Carcinogens
OECD Representative List of High Production Volume (HPV) Chemicals
WHO Guidelines for Drinking-water Quality - Guideline values for chemicals that are of health significance in drinking-water

No data available for propylene glycol monomethyl ether acetate, alpha-isomer CAS: 84540-57-8.

Section 16 - OTHER INFORMATION

INGREDIENTS WITH MULTIPLE CAS NUMBERS

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS</th>
</tr>
</thead>
<tbody>
<tr>
<td>hexamethylene diisocyanate polymer</td>
<td>28182-81-2, 53200-31-0</td>
</tr>
<tr>
<td>propylene glycol monomethyl ether acetate, alpha-isomer</td>
<td>108-65-6, 84540-57-8</td>
</tr>
</tbody>
</table>

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at: www.chemwatch.net/references.

The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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