

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1 Product identifier

- *Rt qf weveqfg* TO9752
- *Vtcf g pco g* < **DIAMANTE POLYURETHANE CLEAR TOP COAT 50GL**
- *3040Tgqxcpvlf gpvllgf wugu qhv j g wduxpeg qt o k,wmt g cpf wugucf xkgf ci clpw*  
Paint and relative material only for wood
  - *Crrrtecvkqp qhv j g wduxpeg l j g o k,wmt g* For professional use

### 1.3 Details of the supplier of the safety data sheet

#### ·Manufacturer/Supplier:

IVM Chemicals srl Viale della Stazione 3 -27020 Parona (PV) Italy tel +39 038425441

#### 1.3.2 Importer

Name: AKZOLUX AUSTRALIA T/as: SUPERIOR TIMBER COATINGS

Address: 13/257 COLCHESTER ROAD KILSYTH, VICTORIA, AUSTRALIA Email:tom@stcoatings.com.au

·Information department:

Environmental Health and safety office hseoffice@ivmchemicals.com

#### ·Emergency telephone number:

From 8.30am to 3.30pm (AEST) +61 03 9761 6899 Out of the above mentioned hours, Saturdays and Sundays and during periods of closure for holidays please call: +61410 635 016

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

- *Encuilltecvkqp ceeqtf lpi vj Tgi wrcvqpp \*GE+Pq 3494H22:*



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS08 health hazard

Repr. 2 H361d Suspected of damaging the unborn child.  
STOT RE 2 H373 May cause damage to organs through prolonged or repeated exposure.



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.  
STOT SE 3 H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

### 2.2 Label elements

- *Ncdgnlpi ceeqtf lpi vj Tgi wrcvqpp \*GE+Pq 3494H22:*

The product is classified and labelled according to the CLP regulation.

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· J c / c t f r l e x i t c o u



GHS02 GHS05 GHS07 GHS08

· U i p c n y q t f Danger

· J c / c t f / f g v g t o l o p i e q o r q p g p w u q h r d g n l p i <  
xylene

butan-1-ol

toluene

2-methylpropan-1-ol

· J c / c t f u e v g o g p w u

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H361d Suspected of damaging the unborn child.

H335-H336 May cause respiratory irritation. May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

· R t g e c w l q p c t { u e v g o g p w u

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local.

**2.3 Other hazards**

· T g u w u q h R D V c p f x R x D c u g u o g p v

· R D V &lt; Not applicable.

· x R x D &lt; Not applicable.

**SECTION 3: Composition/information on ingredients****3.2 Chemical characterisation: Mixtures**

· F g u e t l r v l q p &lt; Mixture: consisting of the following components.


















· F c p i g t q w u e q o r q p g p w u &lt;

CAS: 1330-20-7 EINECS: 215-535-7 Reg.nr.: 01-2119488216-32-XXXX	xylene Flam. Liq. 3, H226 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335	20-24.9%
CAS: 141-78-6 EINECS: 205-500-4 Reg.nr.: 01-2119475103-46-XXXX	ethyl acetate Flam. Liq. 2, H225 Eye Irrit. 2, H319; STOT SE 3, H336	15-19.9%

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CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate  Flam. Liq. 3, H226	5-9.99%
CAS: 110-19-0 EINECS: 203-745-1 Reg.nr.: 01-2119488971-22-XXXX	isobutyl acetate  Flam. Liq. 2, H225  STOT SE 3, H336	5-9.99%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119488216-32-XXXX	ethylbenzene  Flam. Liq. 2, H225  STOT RE 2, H373; Asp. Tox. 1, H304  Acute Tox. 4, H332	2.5-4.99%
CAS: 108-88-3 EINECS: 203-625-9 Reg.nr.: 01-2119471310-51-XXXX	toluene  Flam. Liq. 2, H225  Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304  Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H336 Aquatic Chronic 3, H412	2.5-4.99%
CAS: 71-36-3 EINECS: 200-751-6 Reg.nr.: 01-2119484630-38-XXXX	butan-1-ol  Flam. Liq. 3, H226  Eye Dam. 1, H318  Acute Tox. 4, H302; Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-2.49%
CAS: 78-83-1 EINECS: 201-148-0 Reg.nr.: 01-2119484609-23-XXXX	2-methylpropan-1-ol  Flam. Liq. 3, H226  Eye Dam. 1, H318  Skin Irrit. 2, H315; STOT SE 3, H335-H336	1-2.49%
CAS: 78-93-3 EINECS: 201-159-0 Reg.nr.: 01-2119457290-43-XXXX	butanone  Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336	1-2.49%

· Cfj kltapcnkplqto cvkqp <For the wording of the listed hazard phrases refer to section 16.

## SECTION 4: First aid measures

### · 4.1 Description of first aid measures

· I gpgtcnkplqto cvkqp <

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

personal protective equipment for first aid responders is recommended. (please see section 8)

· Chgt kpj crvklqp <

In case of unconsciousness place patient stably in side position for transportation.

· Chgt unkp eqpwex <

Remove contaminated clothing.

Immediately wash with water and soap, or a recognized skin cleanser, and rinse thoroughly.

Take off immediately all contaminated clothing, include underwear and shoes (if necessary).

Rinse thoroughly with plenty of water for at least 20 minutes and take medical advise. I medical advise is needed have products container or label at hand.

· Chgt gfg eqpwex <

Rinse opened eye for several minutes under running water. Then consult a doctor.

· Chgt wv cmyp kpi <Do not induce vomiting; call for medical help immediately.

### · 4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by substances, see chap. 11th

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- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

## SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
  - *Uwkwcdig gzwłpi wkiłłpi ci gpvw* Alcohol resistant foam, CO, powder, water spray/mist.
  - *Hłt uclgvł tgcıppu wpiuwkwcdig gzwłpi wkiłłpi ci gpvw*  
Do not use a jet water stream as it may scatter and spread fire.
- **5.2 Special hazards arising from the substance or mixture**  
Formation of toxic gases is possible during heating or in case of fire.
- **5.3 Advice for firefighters**  
Cool by spraying with water the containers to prevent product decomposition and the development of substances potentially hazardous for health and also, in the case of closed containers exposed to flames to prevent explosions.
  - *Rt qvgevkxg gswłr o gpvw*  
Hardhat with visor, fireproof clothing, suitable gloves and if necessary mouth respiratory protective device.

## SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.  
Ensure adequate ventilation  
Keep away from ignition sources.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Use neutralising agent.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Protect against electrostatic charges.  
Use explosion-proof apparatus / fittings and spark-proof tools.
  - *łłłłto cvłqp cdqwwłłłg / cpf gzwłqłqp rtqvgevkqp*  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - *Ułqtci g*
    - *Tgs włłgo gpvwıq dg o gvdł wıqtgtqgo ucpf tgegrwergw*  
Store in a cool, well-ventilated area, away from heat and sources of ignition  
Provide solvent resistant, sealed floor.  
Observe the label precautions, the expiration date for the use, if indicated, is from delivery date.  
In cases there is no reported deadline, it means that the product must be used within 8

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### AUSTRALIAN DISTRIBUTOR - Superior Timber Coatings

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months.

• ~~• Kplqto cvkqp cdqwwuxqtcig lp qpg eqo o qp uxqtcig hcehlof~~ <Not required.

• ~~Hwtvj gt kplqto cvkqp cdqwwuxqtcig eqpfkqpu~~

Keep container tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

**7.3 Specific end use(s)**

Those typical of the product and the instructions in the data sheet if required.

**SECTION 8: Exposure controls/personal protection**

• ~~Cffkqpcnplqto cvkqp cdqwwfgukip qhvgej pccnhcehlof~~ <No further data; see item 7.

**8.1 Control parameters**

• ~~Kpitgflgpuy kj ilo lxcnwguy cvtgs wktg o qplqtlpi cvvj gy qtrrc eg~~

**141-78-6 ethyl acetate**

WEL Short-term value: 400 ppm  
Long-term value: 200 ppm

**108-65-6 2-methoxy-1-methylethyl acetate**

WEL Short-term value: 548 mg/m , 100 ppm  
Long-term value: 274 mg/m , 50 ppm  
Sk

**110-19-0 isobutyl acetate**

WEL Short-term value: 903 mg/m , 187 ppm  
Long-term value: 724 mg/m , 150 ppm

**100-41-4 ethylbenzene**

WEL Short-term value: 552 mg/m , 125 ppm  
Long-term value: 441 mg/m , 100 ppm  
Sk

**71-36-3 butan-1-ol**

WEL Short-term value: 154 mg/m , 50 ppm  
Sk

**78-83-1 2-methylpropan-1-ol**

WEL Short-term value: 231 mg/m , 75 ppm  
Long-term value: 154 mg/m , 50 ppm

**78-93-3 butanone**

WEL Short-term value: 899 mg/m , 300 ppm  
Long-term value: 600 mg/m , 200 ppm  
Sk, BMGV

• ~~FPGNu~~

**1330-20-7 xylene**

Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	289 mg/mc (Workers)
	DNEL	77 mg/mc (Workers)
Irritation of skin	DNEL	180 mg/kg bw/d (Workers)

**141-78-6 ethyl acetate**

Oral	DNEL	4.5 mg/kg bw/d (popolazione)
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	1,468 mg/mc (Workers)
		734 mg/mc (popolazione)
	DNEL	734 mg/mc (Workers)

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**Safety data sheet**  
 according to 1907/2006/EC, Article 31

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Irritation of skin	DNEL	367 mg/mc (popolazione) 63 mg/kg bw/d (Workers) 37 mg/kg bw/d (popolazione)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
Inhalative	DNEL	275 mg/mc (Workers)
Irritation of skin	DNEL	153.5 mg/kg bw/d (Workers)
<b>110-19-0 isobutyl acetate</b>		
Inhalative	DNEL	243 mg/mc (Workers)
Irritation of skin	DNEL	4.95 mg/kg bw/d (Workers)
<b>100-41-4 ethylbenzene</b>		
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	293 mg/mc (Workers)
	DNEL	77 mg/mc (Workers)
Irritation of skin	DNEL	180 mg/kg bw/d (Workers)
<b>108-88-3 toluene</b>		
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	384 mg/mc (Workers)
	DNEL	192 mg/mc (Workers)
<b>78-83-1 2-methylpropan-1-ol</b>		
Inhalative	DNEL	310 mg/mc (Workers)
<b>78-93-3 butanone</b>		
Inhalative	DNEL	600 mg/mc (Workers)
Irritation of skin	DNEL	1,161 mg/kg bw/d (Workers)

**· RPGEu**

<b>1330-20-7 xylene</b>		
PNEC Acqua dolce/water/woda sŕpdka/eau/agua		0.327 mg/L ( )
PNEC Suolo/earth/suelo/sol/gleba/		2.31 mg/kg ( )
<b>141-78-6 ethyl acetate</b>		
PNEC Acqua dolce/water/woda sŕpdka/eau/agua		0.26 mg/L ( )
PNEC Suolo/earth/suelo/sol/gleba/		0.24 mg/kg ( )
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>		
PNEC Acqua dolce/water/woda sŕpdka/eau/agua		635 mg/L ( )
PNEC Suolo/earth/suelo/sol/gleba/		0.29 mg/kg ( )
<b>110-19-0 isobutyl acetate</b>		
PNEC Acqua dolce/water/woda sŕpdka/eau/agua		0.17 mg/L ( )
PNEC Suolo/earth/suelo/sol/gleba/		0.0755 mg/kg ( )
<b>100-41-4 ethylbenzene</b>		
PNEC Acqua dolce/water/woda sŕpdka/eau/agua		0.1 mg/L ( )
PNEC Suolo/earth/suelo/sol/gleba/		2.68 mg/kg ( )
<b>108-88-3 toluene</b>		
PNEC Acqua dolce/water/woda sŕpdka/eau/agua		0.68 mg/L ( )
PNEC Suolo/earth/suelo/sol/gleba/		2.89 mg/kg ( )
<b>78-83-1 2-methylpropan-1-ol</b>		
PNEC Acqua dolce/water/woda sŕpdka/eau/agua		0.4 mg/L ( )
PNEC Suolo/earth/suelo/sol/gleba/		0.0699 mg/kg ( )

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**78-93-3 butanone**

PNEC Acqua dolce/water/woda słodka/eau/agua	55.8 mg/L (—)
PNEC Suolo/earth/suolo/sol/gleba/	22.5 mg/kg (—)

· *Классификация по опасности*

**1330-20-7 xylene**

BMGV	650 mmol/mol creatinine Medium: urine Sampling time: post shift Parameter: methyl hippuric acid
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**78-93-3 butanone**

BMGV	70 µmol/L Medium: urine Sampling time: post shift Parameter: butan-2-one
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· *Классификация по опасности* < The lists valid during the making were used as basis.

**8.2 Exposure controls**

· *Рекомендации по контролю воздействия*

· *Избегайте контакта с продуктами питания, напитками и кормом.*

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Store protective clothing separately.

Avoid contact with the skin.

Avoid contact with the eyes and skin.

Pregnant women should strictly avoid inhalation or skin contact.

· *Используйте средства защиты органов дыхания*

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· *Используйте защитную одежду*



Protective gloves

The glove material has to be impermeable and resistant to the product and in accordance with EN 374 and Directive 89/686/EEC.

Due to missing tests no recommendation to the glove material can be given for the product.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· *Выбор защитных перчаток*

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· *Время разрыва перчаток*

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· G{g r t q v g e w k p p &lt;



Glasses (EN166) or other protective equipment

## SECTION 9: Physical and chemical properties

### · 9.1 Information on basic physical and chemical properties

· I g p g t c n k p l q t o c w k p	
· C r r g e t c p e g <	
· H q t o <	Fluid
· E q u q w t <	According to product specification
· Q f q w t <	Characteristic
· Q f q w t v j t g u j q i f <	Not determined.
· r J / x c m w g <	Not determined.
· E j c p i g k p e a p f k k q p	
· O g n k p i r q k p v l t g g / k p i r q k p <	Undetermined.
· K p k k e n d q k k p i r q k p v c p f d q k k p i t c p i g <	77°C
· H u c j r q k p <	-4°C
· H v o o c d k k w f * u q i k f . i c u t <	Not applicable.
· K p h k q p v g o r g t c w t g <	315°C
· F g e q o r q u k k q p v g o r g t c w t g <	Not determined.
· C w a q / k i p h k q p v g o r g t c w t g <	Product is not selfigniting.
· G z r i q u k x g r t q r g t v g u k <	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· G z r i q u k q p i k o k u k <	
· N q y g t <	1 Vol %
· W r r g t <	12 Vol %
· X c r q w t r t g u a m t g e v 4 2 ° C :	105 hPa
· Density at 20°C:	0.967 g/cm
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
· Dynamic:	Not determined.
· Kinematic at 20°C:	25 s (ISO 6 mm)
· Oxidising properties :	N.A.
· Solvent content:	
· VOC and Total VOC	
(organic solvents + reactive solvents if any)	66.03 %
· VOC (EC)	638.5 g/l

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- **Solids content:** 34.0 %
- **9.2 Other information** No further relevant information available.

## SECTION 10: Stability and reactivity

- **10.1 Reactivity** Typical of the product as indicated in the data sheet
- **10.2 Chemical stability**  
The product is stable in normal conditions of storage and use recommended
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used and stored according to specifications.
- **10.3 Possibility of hazardous reactions**  
Reacts with strong acids and oxidising agents.  
Vapours may form explosive mixtures with air
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:**  
  
In case of possible formation of combustion:  
Carbon monoxide and carbon dioxide

## SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
  - **Acute toxicity** Based on available data, the classification criteria are not met.

· **LD/LC50 values relevant for classification:**

### 1330-20-7 xylene

Oral	LD50.	3,523 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50.	12,126 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4h.	27.571 mg/l (rat/szczur/mouse/souris/Maus/ratón)

### 141-78-6 ethyl acetate

Oral	LD50	4,934 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Dermal	LD50	20,001 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	1,600 mg/l (rat/szczur/mouse/souris/Maus/ratón)
	LC0	22.6 ppm (mouse)

### 108-65-6 2-methoxy-1-methylethyl acetate

Oral	LD50	8,532 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	5,001 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	35.7 mg/l (rat/szczur/mouse/souris/Maus/ratón)

### 110-19-0 isobutyl acetate

Oral	LD50	13,400 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	17,401 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	31 mg/l (rat/szczur/mouse/souris/Maus/ratón)

### 100-41-4 ethylbenzene

Oral	LD50	3,500 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	15,486 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	17.2 mg/l (rat/szczur/mouse/souris/Maus/ratón)

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<b>108-88-3 toluene</b>		
Oral	LD50	5,000 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	12,124 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	25.7 mg/l (rat/szczur/mouse/souris/Maus/ratón)
<b>71-36-3 butan-1-ol</b>		
Oral	LD50	790 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	3,400 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	8,000 mg/l (rat/szczur/mouse/souris/Maus/ratón)
<b>78-83-1 2-methylpropan-1-ol</b>		
Oral	LD50	2,460 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	3,400 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4h.	19.2 mg/l (rat/szczur/mouse/souris/Maus/ratón)
<b>78-93-3 butanone</b>		
Oral	LD50	2,001 mg/kg (rat/szczur/mouse/souris/Maus/ratón)
Dermal	LD50	5,001 mg/kg (rabbit/królik/Kaninchen/conejo/lapin)
Inhalative	LC50/4 h	21 mg/l (rat/szczur/mouse/souris/Maus/ratón)

- **Primary irritant effect:**
  - **Skin corrosion/irritation**  
Causes skin irritation.
  - **Serious eye damage/irritation**  
Causes serious eye damage.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
  - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
  - **Carcinogenicity** Based on available data, the classification criteria are not met.
  - **Reproductive toxicity**  
Suspected of damaging the unborn child.
- **STOT-single exposure**  
May cause respiratory irritation. May cause drowsiness or dizziness.
- **STOT-repeated exposure**  
May cause damage to organs through prolonged or repeated exposure.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

### · 12.1 Toxicity

· <b>Aquatic toxicity:</b>	
<b>141-78-6 ethyl acetate</b>	
EC50	165 mg/l (daphnia) (48 h)
LC50 (96h)	230 mg/l (Fish)
<b>108-65-6 2-methoxy-1-methylethyl acetate</b>	
EC50	1,001 mg/l (algae) (72 h)
	501 mg/l (daphnia) (48 h)
LC50 (96h)	134 mg/l (Fish)
<b>110-19-0 isobutyl acetate</b>	
EC50	370 mg/l (algae) (72 h)
	25 mg/l (daphnia)

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LC50 (96h)	17 mg/l (Fish)
<b>100-41-4 ethylbenzene</b>	
EC50	75 mg/l (daphnia) (48 h)
<b>108-88-3 toluene</b>	
EC50	134 mg/l (algae) (96 h) 3.78 mg/l (daphnia) (48 h)
LC50 (96h)	5.5 mg/l (Fish)
<b>78-83-1 2-methylpropan-1-ol</b>	
EC50	1,799 mg/l (algae) (72 h) 1,100 mg/l (daphnia) (48 h)
LC50 (96h)	1,430 mg/l (Fish)
<b>78-93-3 butanone</b>	
EC50	2,029 mg/l (algae) (96 h) 308 mg/l (daphnia) (48 h)
LC50 (96h)	2,993 mg/l (Fish)

· **12.2 Persistence and degradability**

Data refers to the substance Toluene CAS No. 108-88-3

Readily biodegradable (according to OECD criteria and/or EU RAR)

· **Substances Easily biodegradable**

1330-20-7	xylene	.
141-78-6	ethyl acetate	.
108-65-6	2-methoxy-1-methylethyl acetate	.
110-19-0	isobutyl acetate	.
100-41-4	ethylbenzene	.
108-88-3	toluene	.
78-83-1	2-methylpropan-1-ol	.
78-93-3	butanone	.

· **12.3 Bioaccumulative potential** No further relevant information available.

· **12.4 Mobility in soil** No further relevant information available.

· **Additional ecological information:**

· **General notes:**

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Must not reach sewage water or drainage ditch undiluted or unneutralised.

Danger to drinking water if even small quantities leak into the ground.

· **12.5 Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **12.6 Other adverse effects** No further relevant information available.

## SECTION 13: Disposal considerations

· **13.1 Waste treatment methods**

· **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Hand over to hazardous waste disposers.

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The code number of the product as is 080111

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

· <b>14.1 UN-Number</b>	UN1263
· ADR, IMDG, IATA	
· <b>14.2 UN proper shipping name</b>	UN1263 PAINT, special provision 640D
· ADR	PAINT
· IMDG, IATA	
· <b>14.3 Transport hazard class(es)</b>	
· ADR, IMDG, IATA	
	
· Class	3 Flammable liquids.
· Label	3
· <b>14.4 Packing group</b>	II
· ADR, IMDG, IATA	
· <b>14.5 Environmental hazards:</b>	No
· Marine pollutant:	
· <b>14.6 Special precautions for user</b>	Warning: Flammable liquids.
· Danger code (Kemler):	33
· EMS Number:	F-E, S-E
· Stowage Category	B
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2
	Maximum net quantity per inner packaging: 30 ml
	Maximum net quantity per outer packaging: 500 ml

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### AUSTRALIAN DISTRIBUTOR - Superior Timber Coatings

**Product code TO9752**  
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· *UN "Model Regulation":* UN 1263 PAINT, SPECIAL PROVISION 640D, 3, II

## SECTION 15: Regulatory information

### · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Directive n. : 80/1107/CEE, n. 82/605/CEE, n. 83/477/CEE, n. 86/188/CEE e n. 88/642/CEE, 89/391/CEE, 89/654/CEE, 89/655/CEE, 89/656/CEE, 90/269/CEE, 90/270/CEE, 90/394/CEE, 90/679/CEE, 93/88/CEE, 95/63/CE, 97/42/CE, 98/24/CE, 99/38/CE, 99/92/CE, 2001/45/CE, 2002/44,2003/10/CE, 2003/18/CE , 2004/40/CE,2006/25

DIRECTIVE 2012/18/EU

P5c Flammable

Limit 1: 5000 t

Limit 2: 50000 t

· *Various regulations* For uses not regulated by D. 2004/42/EC-For professional use only

· *REGULATION (EC) No 1907/2006 ANNEX XVII* Conditions of restriction: 3, 48

· *National regulations:*

The product is subject to be labeled according with the prevailing version of the regulations on hazardous substances.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

## SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### · *Relevant phrases*

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H412 Harmful to aquatic life with long lasting effects.

· *Department issuing SDS:* IVM Chemicals Srl

· *Contact:* Carlo Porta

### · *Abbreviations and acronyms:*

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

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**Safety data sheet**  
according to 1907/2006/EC, Article 31

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Version number 38

Revision: 01.09.2017

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LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 2: Flammable liquids . Category 2

Flam. Liq. 3: Flammable liquids . Category 3

Acute Tox. 4: Acute toxicity . Category 4

Skin Irrit. 2: Skin corrosion/irritation . Category 2

Eye Dam. 1: Serious eye damage/eye irritation . Category 1

Eye Irrit. 2: Serious eye damage/eye irritation . Category 2

Repr. 2: Reproductive toxicity . Category 2

STOT SE 3: Specific target organ toxicity (single exposure) . Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) . Category 2

Asp. Tox. 1: Aspiration hazard . Category 1

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard . Category 3

- **Sources**

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL and following amendments

Agency ECHA web site

INRS Fiche Toxicologique

- **\* Data compared to the previous version altered.**

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