

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

1.1 Product identifier

- Rt qf weveqf g PA30
- Vtcf g pco g < **POLYURETHANE WHITE PRIMER**
- 3040Tgqgpcvlf g p vllgf wugu qhvj g uwdiucpeg qt o k wtg cpf wugucf xlugf ci clpw
Painting product for coating and / or decoration of manufactured articles.
- Crrnecvqpp qhvj g uwdiucpeg Iyj g o k wtg 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 E-Mail: 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 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

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



GHS02 flame

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



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

2.2 Label elements

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

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

- J c/ctf rlvqi tco u



GHS02 GHS07

- Uli pcny qtf Danger

- J c/ctf/fvgto lplpi eqo r qppwu qhrcdgnlpi <
Fatty acids, tallow, oleylamine compounds

- J c/ctf ucvgo gpw
H225 Highly flammable liquid and vapour.
H317 May cause an allergic skin reaction.

- Rt gecwlvqppctf ucvgo gpw
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 Keep container tightly closed.
P240 Ground and bond container and receiving equipment.

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- P241 Use explosion-proof [electrical/ventilating/lighting] equipment.
 P242 Use non-sparking tools.
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
 P321 Specific treatment (see on this label).
 P403+P235 Store in a well-ventilated place. Keep cool.
 P501 Dispose of contents/container in accordance with local.

- *Cfj klapcnphqto cwap* < EUH066 Repeated exposure may cause skin dryness or cracking.
- **2.3 Other hazards**
 - *Tgwnu qhRDV cpf xRxD cuguo gpv*
 - *RDV* < Not applicable.
 - *xRxD* < Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

- *Fguet kwap* < Mixture: consisting of the following components.

<i>Fcpi gtqwuego r qpgpwk</i>		
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: 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 Aquatic Chronic 3, H412	5-9.99%
CAS: 123-86-4 EINECS: 204-658-1 Reg.nr.: 01-2119485493-29-XXXX	n-butyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	5-9.99%
CAS: 108-65-6 EINECS: 203-603-9 Reg.nr.: 01-2119475791-29-XXXX	2-methoxy-1-methylethyl acetate ⚠ Flam. Liq. 3, H226 ⚠ STOT SE 3, H336	2.5-4.99%
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	1-2.49%
EC number: 942-330-6 Reg.nr.: 01-2120101675-63-XXXX	Fatty acids, tallow, oleylamine compounds ⚠ STOT RE 2, H373 ⚠ Acute Tox. 4, H302; Skin Irrit. 2, H315; Skin Sens. 1A, H317	≥0.1-<0.5%

- *Cfj klapcnphqto cwap* < For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

• **4.1 Description of first aid measures**

• *I gpgt cnkphqto cvkqp*<

Immediately remove any clothing soiled by the product.

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 kpij cvkqp*<

Supply fresh air and to be sure call for a doctor.

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

• *Chgt unkp eqpw ev*<

Remove contaminated clothing.

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

• *Chgt gfg eqpw ev*< Rinse opened eye for several minutes under running water.

• *Chgt wv cnyy 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

No further relevant information available.

• **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**

• *Uwkw dng gz vpi wkij kpi ci gpv*< Alcohol resistant foam, CO, powder, water spray/mist.

• *Hqt uchgv tgc upu wpiuwkw dng gz vpi wkij kpi ci gpv*<

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.

No further relevant information available.

• **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 qvewkxg gswlr o gpv*<

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).

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.

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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.

Prevent formation of aerosols.

Protect against electrostatic charges.

Use explosion-proof apparatus / fittings and spark-proof tools.

• *ĶpĶto cĶqĶ cdqwwĶĶg / cpf gĶrĶqĶqĶp rtqĶevĶqĶp<*

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

7.2 Conditions for safe storage, including any incompatibilities

• *UĶtci g<*

• *Tgs wĶĶgo gĶvĶvĶ dg o gvdĶ ũqĶgtqĶo ucpf tgegrwengĶ<*

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 months.

• *ĶpĶto cĶqĶ cdqwwĶtci g Ķp qpg eqo o qp ũqĶtci g ĶcĶĶĶĶ<* <Not required.

• *HwtĶj gt ĶpĶto cĶqĶ cdqwwĶtci g eqpf ĶĶqĶpĶ<*

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

• *CffĶĶpĶncĶpĶĶto cĶqĶ cdqwwfgĶĶi p qhvgej pĶcĶncĶĶĶĶĶĶĶ<* No further data; see item 7.

8.1 Control parameters

• *ĶpĶtĶfgĶpĶvĶy Ķj ũo ĶxcĶwguĶj cvtgs wĶĶg o qĶĶqĶĶpĶi cvĶj g y qtĶrĶevĶg<*

123-86-4 n-butyl acetate (5-9.99%)

WEL Short-term value: 966 mg/m , 200 ppm

Long-term value: 724 mg/m , 150 ppm

100-41-4 ethylbenzene (1-2.49%)

WEL Short-term value: 552 mg/m , 125 ppm

Long-term value: 441 mg/m , 100 ppm

Sk

• *FPGNĶ*

110-19-0 isobutyl acetate

Oral	DNEL	5 mg/kg bw/d (population)
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut	600 mg/mc (Workers)
		300 mg/mc (population)
	DNEL	300 mg/mc (Workers)
		35.7 mg/mc (population)

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Irritation of skin	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	5 mg/kg bw/d (population) 10 mg/kg bw/d (Workers) 5 mg/kg bw/d (population)
1330-20-7 xylene		
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	289 mg/mc (Workers) 77 mg/mc (Workers)
Irritation of skin	DNEL	180 mg/kg bw/d (Workers)
123-86-4 n-butyl acetate		
Oral	DNEL	2 mg/kg bw/d (population)
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	600 mg/mc (Workers) 300 mg/mc (population) 300 mg/mc (Workers) 35.7 mg/mc (population)
Irritation of skin	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	11 mg/kg bw/d (Workers) 6 mg/kg bw/d (population) 11 mg/kg bw/d (Workers) 6 mg/kg bw/d (population)
108-65-6 2-methoxy-1-methylethyl acetate		
Inhalative	DNEL	275 mg/mc (Workers)
Irritation of skin	DNEL	153.5 mg/kg bw/d (Workers)
100-41-4 ethylbenzene		
Inhalative	DNEL acuto/agudo/ostre/aigu/acute/akut DNEL	293 mg/mc (Workers) 77 mg/mc (Workers)
Irritation of skin	DNEL	180 mg/kg bw/d (Workers)
Solvent naphtha (petroleum), light arom.		
Inhalative	DNEL	150 mg/mc (Workers)
Irritation of skin	DNEL	25 mg/kg bw/d (Workers)
· RPGEu		
110-19-0 isobutyl acetate		
PNEC Acqua dolce/water/woda sdka/eau/agua/		0.17 mg/L ()
PNEC Suolo/earth/suelo/ /		0.0755 mg/kg ()
1330-20-7 xylene		
PNEC Acqua dolce/water/woda sdka/eau/agua/		0.327 mg/L ()
PNEC Suolo/earth/suelo/ /		2.31 mg/kg ()
123-86-4 n-butyl acetate		
PNEC Acqua dolce/water/woda sdka/eau/agua/		0.18 mg/L ()
PNEC Suolo/earth/suelo/ /		0.0903 mg/kg ()
108-65-6 2-methoxy-1-methylethyl acetate		
PNEC Acqua dolce/water/woda sdka/eau/agua/		0.635 mg/L ()
PNEC Suolo/earth/suelo/ /		0.29 mg/kg ()
100-41-4 ethylbenzene		
PNEC Acqua dolce/water/woda sdka/eau/agua/		0.1 mg/L ()
PNEC Suolo/earth/suelo/ /		2.68 mg/kg ()

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· Cffkqpcnklqto cvkq < The lists valid during the making were used as basis.

8.2 Exposure controls

· Rgtuqpcnrtqvgevkxg gs wlr o gpv <

· I gpgtcnrtqvgevkxg cpf j {i kplk o gcwtt gu <
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.

· Tgur kcvqt { rtqvgevkq <
Short term filter device:
Filter AX



Suitable respiratory protective device recommended. (EN140)

· Rtqvgevkq qhj cpf u <



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

· O cvgtknqhi nrxgu

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.

· Rgpgtcvkq vto g qhi nrxg o cvgtkn

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

· G {g rtqvgevkq <



Glasses (EN166) or other protective equipment

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

· I gpgtcnklqto cvkq

· Crrgctepg <

· Hqto <

Fluid

· Eqvqt <

According to product specification

· Qf qwt <

Characteristic

· Qf qwt vj tguj qtf <

Not determined.

· rJ /xcwng <

Not determined.

· Ej cpi g kp eqpfkq

· O gnkpi rqlpvltgg/lpi rqlp <

Undetermined.

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· <i>Κρίσιμη θερμοκρασία ανάφλεξης</i>	78 °C
· <i>Ημέρη ανάφλεξης</i>	18 °C
· <i>Ημερομηνία κατάστασης ασφαλείας</i>	Not applicable.
· <i>Κρίσιμη θερμοκρασία ανάφλεξης</i>	315 °C
· <i>Εξέταση ανάφλεξης</i>	Not determined.
· <i>Χημική σταθερότητα</i>	Product is not selfigniting.
· <i>Εκρηκτικότητα</i>	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· <i>Εκρηκτική δύναμη</i>	
· <i>Νέφος</i>	1 Vol %
· <i>Ψέμα</i>	30 Vol %
· <i>Χημική σταθερότητα 42 °C:</i>	20 hPa
· <i>Density at 20 °C:</i>	1.308 g/cm
· <i>Relative density</i>	Not determined.
· <i>Vapour density</i>	Not determined.
· <i>Evaporation rate</i>	Not determined.
· <i>Solubility in / Miscibility with</i>	
· <i>water:</i>	Not miscible or difficult to mix.
· <i>Partition coefficient: n-octanol/water:</i>	Not determined.
· <i>Viscosity:</i>	
· <i>Dynamic:</i>	Not determined.
· <i>Kinematic at 20 °C:</i>	101 s (ISO 6 mm)
· <i>Oxidising properties :</i>	N.A.
· <i>Solvent content:</i>	
· <i>VOC and Total VOC</i>	
(organic solvents + reactive solvents if any)	31.70 %
· <i>Water:</i>	0.0 %
· <i>VOC (EC)</i>	414.6 g/l
· <i>Solids content:</i>	68.3 %
· 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 according to specifications.
- **10.3 Possibility of hazardous reactions**
 Reacts with 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.

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- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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:*

110-19-0 isobutyl acetate

Oral	LD50	13,400 mg/kg (mouse)
Dermal	LD50	17,401 mg/kg (rabbit)
Inhalative	LC50/4 h	31 mg/l (mouse)

1330-20-7 xylene

Oral	LD50.	3,523 mg/kg (mouse)
Dermal	LD50.	12,126 mg/kg (rabbit)
Inhalative	LC50/4h.	27.571 mg/l (mouse)

123-86-4 n-butyl acetate

Oral	LD50	10,760 mg/kg (mouse)
Dermal	LD50	14,000 mg/kg (rabbit)
Inhalative	LC50/4 h	21.1 mg/l (mouse)

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

Oral	LD50	8,532 mg/kg (mouse)
Dermal	LD50	5,001 mg/kg (rabbit)
Inhalative	LC50/4 h	35.7 mg/l (mouse)

100-41-4 ethylbenzene

Oral	LD50	3,500 mg/kg (mouse)
Dermal	LD50	15,486 mg/kg (rabbit)
Inhalative	LC50/4 h	17.2 mg/l (mouse)

Solvent naphtha (petroleum), light arom.

Oral	LD50	6,801 mg/kg (mouse)
Dermal	LD50	3,401 mg/kg (rab)
Inhalative	LC50/4 h	20.1 mg/l (mouse)

- **Primary irritant effect:**

- *Skin corrosion/irritation* Based on available data, the classification criteria are not met.
- *Serious eye damage/irritation*
Based on available data, the classification criteria are not met.

- **Respiratory or skin sensitisation**

May cause an allergic skin reaction.

- **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* Based on available data, the classification criteria are not met.
- *STOT-single exposure* Based on available data, the classification criteria are not met.
- *STOT-repeated exposure* Based on available data, the classification criteria are not met.
- *Aspiration hazard* Based on available data, the classification criteria are not met.

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SECTION 12: Ecological information

· 12.1 Toxicity

· *Aquatic toxicity:*

110-19-0 isobutyl acetate

EC50	370 mg/l (algae) (72 h)
	25 mg/l (daphnia)
LC50 (96h)	17 mg/l (Fish)

1330-20-7 xylene

EC50	2.2 mg/l (algae) (72h)
LC50 48h	1 mg/l (daphnia)
LC50 (96h)	2.6 mg/l (Fish)

123-86-4 n-butyl acetate

EC50	397 mg/l (algae) (72 h)
	44 mg/l (daphnia) (48 h)
LC50 (96h)	18 mg/l (Fish)

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

EC50	1,001 mg/l (algae) (72 h)
	501 mg/l (daphnia) (48 h)
LC50 (96h)	134 mg/l (Fish)

100-41-4 ethylbenzene

EC50	438 mg/l (algae) (72h)
	1.8 mg/l (daphnia) (48 h)
LC50 (96h)	12.1 mg/l (Fish)

· **12.2 Persistence and degradability** Easily biodegradable

· **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.

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.

The code number of the product as is 080111

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

SECTION 14: Transport information

<ul style="list-style-type: none"> · 14.1 UN-Number · <i>ADR, IMDG, IATA</i> 	UN1263
<ul style="list-style-type: none"> · 14.2 UN proper shipping name · <i>ADR, IMDG, IATA</i> 	PAINT
<ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · <i>ADR, IMDG, IATA</i> 	<div style="text-align: center;">  </div> <ul style="list-style-type: none"> · <i>Class</i> · <i>Label</i>
<ul style="list-style-type: none"> · 14.4 Packing group · <i>ADR, IMDG, IATA</i> 	III
<ul style="list-style-type: none"> · 14.5 Environmental hazards: · <i>Marine pollutant:</i> 	No
<ul style="list-style-type: none"> · 14.6 Special precautions for user · <i>Danger code (Kemler):</i> · <i>EMS Number:</i> · <i>Stowage Category</i> 	Warning: Flammable liquids. - F-E, S-E A
<ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> · Transport/Additional information: 	
<ul style="list-style-type: none"> · ADR · <i>Limited quantities (LQ)</i> · <i>Excepted quantities (EQ)</i> · <i>Transport category</i> · <i>Tunnel restriction code</i> 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml 3 E
<ul style="list-style-type: none"> · IMDG · <i>Limited quantities (LQ)</i> · <i>Excepted quantities (EQ)</i> 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml

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· *UN "Model Regulation":*

UN 1263 PAINT, 3, III

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

· *Qualifying quantity (tonnes) for the application of lower-tier requirements* 5.000 t

· *Qualifying quantity (tonnes) for the application of upper-tier requirements* 50.000 t

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

· *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.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

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

Route of exposure: Oral, Inhalation.

H412 Harmful to aquatic life with long lasting effects.

· *Department issuing SDS:* IVM Chemicals Srl

· *Contact:* Claudia Zanella

· *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)

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Safety data sheet
 as per regulation 1907/2006/EC (REACH) as amended and
 supplemented

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Product code PA30**Trade name: WHITE ELECTROSTATIC PU SEALER**

(Contd. of page 11)

VOC: Volatile Organic Compounds (USA, EU)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

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

Skin Sens. 1: Skin sensitisation . Category 1

Skin Sens. 1A: Skin sensitisation . Category 1A

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.**