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Safety data sheet acc. to (EC) No 1907/2006, as amended by UK SI 2019/758

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SECTION 1: Identification of the substance/mixture and of the company/ undertaking
· 1.1 Product identifier
· Trade name: illbruck AT140
 MSDS code: T-I-AT140 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available. Application of the substance / the mixture Priming
 1.3 Details of the supplier of the safety data sheet Manufacturer/Supplier: Tremco CPG UK Ltd tremco illbruck Ltd Coupland Road, Hindley Green, WIGAN, WN2 4HT T: +44 (0) 1942251400, F: +44 (0) 1942251410 msds@cpg-europe.com
 Further information obtainable from: Tremco CPG UK Ltd tremco illbruck Ltd Coupland Road, Hindley Green, Wigan, WN2 4HT T: +44 (0) 1942251400, F: +44 (0) 1942251410 www.cpg-europe.com, info.uk@cpg-europe.com
 • 1.4 Emergency telephone number: During office hours tel.: +44 (0) 1942251400. At all other times it is recommended to call NHS 111 (England/Wales/Scotland), your local GP/pharmacist (NI), 01 809 2166 (ROI), or otherwise to contact a doctor.
SECTION 2: Hazards identification
 2.1 Classification of the substance or mixture Classification according to Regulation (EC) No 1272/2008 Flam. Liq. 2 H225 Highly flammable liquid and vapour. Eye Irrit. 2 H319 Causes serious eye irritation. STOT SE 3 H336 May cause drowsiness or dizziness.
 • 2.2 Label elements • Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the CLP regulation. • Hazard pictograms
GHS02 GHS07
GU907 GU901
• Signal word Danger (Contd. on page 2)



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· Contains:	
ethyl acetate	
propan-2-ol	
Hazard statem	nents
H225 Highly fla	Immable liquid and vapour.
	serious eye irritation.
H336 May caus	se drowsiness or dizziness.
· Precautionary	statements
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P261	Avoid breathing vapours.
P303+P361+P3	353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P312	Call a POISON CENTER/doctor if you feel unwell.
P370+P378	In case of fire: Use for extinction: Alcohol resistant foam.
P370+P378	In case of fire: Use for extinction: Dry sand.
- Supplemental	information:
EUH066 Repea	ated exposure may cause skin dryness or cracking.
EUH208 Conta	ins dibutyltin dilaurate. May produce an allergic reaction.
2.3 Other haza	ards
· Results of PB	T and vPvB assessment
· PBT: Not applie	cable.
vPvB: Not app	licable.
SECTION 3 :	Composition/information on ingredients

· 3.2 Mixtures

· **Description:** Mixture of substances listed below with non-hazardous additions.

· Dangerous components:		
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	50-<75%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-xxxx	propan-2-ol Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	5-<10%
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	5-<10%
CAS: 100-41-4 EINECS: 202-849-4 Reg.nr.: 01-2119489370-35-xxxx	ethylbenzene Flam. Liq. 2, H225; STOT RE 2, H373; Asp. Tox. 1, H304; Acute Tox. 4, H332	1-<5%
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EINECS: 200-659-6	(Contd. of page 2) nethanol lam. Liq. 2, H225; Acute Tox. 3, H301; Acute Tox. 3, l311; Acute Tox. 3, H331; STOT SE 1, H370
CAS: 77-58-7 di EINECS: 201-039-8 Reg.nr.: 01-2119496068-27-xxxx S	Ibutyltin dilaurate 0.1-<1% Muta. 2, H341; Repr. 1B, H360FD; STOT SE 1, H370; 0.1-<1% STOT RE 1, H372; Skin Corr. 1C, H314; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1, H317
	ording of the listed hazard phrases refer to section 16.
SECTION 4: First aid measur	res
 Immediately remove any clothing so After inhalation: Supply fresh air; o After skin contact: Immediately wash with water and so If skin irritation continues, consult a After eye contact: Rinse opened eye for several minute After swallowing: IF SWALLOWED: Rinse mouth. Do Seek immediate medical advice. Information for doctor: No further 4.2 Most important symptoms and Irritating to eyes and skin. Vapours may cause drowsiness and Harmful if inhaled. May cause an allergic skin reaction. Repeated exposure may cause skin May damage fertility or the unborn of 4.3 Indication of any immediate m No further relevant information avail 	er area and lay down. well, seek medical advice (show this safety data sheet if possible). biled by the product. consult doctor in case of complaints. boap and rinse thoroughly. doctor. tes under running water. If symptoms persist, consult a doctor. tes under running water. If symptoms persist, consult a doctor. NOT induce vomiting. relevant information available. d effects, both acute and delayed d dizziness. n dryness or cracking. child. ation available. nedical attention and special treatment needed lable.
SECTION 5: Firefighting mea	asures

Suitable extinguishing agents:

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture No further relevant information available.

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5.3 Advice for firefighters
 Protective equipment:

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Wear self-contained respiratory protective device. Wear fully protective suit. Additional information Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. It must not enter the sewage system. Dispose of fire debris and contaminated fire fighting water in accordance with official regulations. SECTION 6: Accidental release measures • 6.1 Personal precautions, protective equipment and emergency procedures Keep away from ignition sources. Ensure adequate ventilation. Wear protective equipment. Keep unprotected persons away. Avoid contact with the eyes and skin. 6.2 Environmental precautions: Prevent from spreading (e.g. by damming-in or oil barriers). Avoid transfer into the environment. Keep contaminated washing water and dispose of appropriately. Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system. 6.3 Methods and material for containment and cleaning up: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose of the material collected according to regulations. 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 The usual precautionary measures are to be adhered to when handling chemicals. Ensure good ventilation/exhaustion at the workplace. Avoid contact with the eyes and skin. Do not breathe vapour. Do not eat, drink, smoke or sniff while working. Information about fire - and explosion protection: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Fumes can combine with air to form an explosive mixture.

Protect against electrostatic charges.

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

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· Storage:

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• 7.2 Conditions for safe storage, including any incompatibilities

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· 8.1 Control parameters

CAS: 67-63-0 propan-2-ol

CAS: 1330-20-7 xylene

Sk; BMGV

CAS: 1330-20-7 xylene

8.2 Exposure controls

Sk

CAS: 100-41-4 ethylbenzene

Medium: urine

• **Requirements to be met by storerooms and receptacles:** Store in a cool location. · Information about storage in one common storage facility: Protect from heat and direct sunlight. • Further information about storage conditions: Store in cool, dry conditions in well sealed receptacles. • 7.3 Specific end use(s) No further relevant information available. **SECTION 8: Exposure controls/personal protection** • Additional information about design of technical facilities: No further data; see item 7. · Ingredients with limit values that require monitoring at the workplace: WEL Short-term value: 1250 mg/m³, 500 ppm Long-term value: 999 mg/m³, 400 ppm WEL Short-term value: 441 mg/m³, 100 ppm Long-term value: 220 mg/m³, 50 ppm WEL Short-term value: 552 mg/m³, 125 ppm Long-term value: 441 mg/m³, 100 ppm Ingredients with biological limit values: BMGV 650 mmol/mol creatinine Sampling time: post shift Parameter: methyl hippuric acid · Additional information: The lists valid during the making were used as basis. · Personal protective equipment: · General protective and hygienic measures: The usual precautionary measures are to be adhered to when handling chemicals. Use skin protection cream for skin protection.

Immediately remove all soiled and contaminated clothing

Keep away from foodstuffs, beverages and feed.

Do not eat, drink, smoke or sniff while working.

Avoid contact with the eyes and skin.

Wash hands before breaks and at the end of work.

Do not breathe vapour.

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· Respiratory protection:

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.

Not necessary if room is well-ventilated.

Filter A

For further guidance,

please refer to HSE HSG53 "Respiratory Protective Equipment at work - A Practical Guide". **Protection of hands:**



Protective gloves

Material of gloves

Solvent resistant gloves Impervious gloves Butyl rubber, BR Nitrile rubber, NBR Fluorocarbon rubber (Viton)

Recommended thickness of the material: $\geq 0.5 \mbox{ mm}$

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.

Penetration time of glove material

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

• Eye protection:



Tightly sealed goggles

- Body protection:



Protective work clothing

SECTION 9: Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- · General Information

· Appearance:

Form: Colour:

· Odour:

Liquid Colourless Weak, characteristic

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Odour threshold:	Not determined.
pH-value: Melting point/freezing point: Initial boiling point and boiling range:	Not determined. Undetermined. Not applicable.
Flash point:	-4 °C
Flammability (solid, gas):	Not applicable.
Ignition temperature:	425 °C
Decomposition temperature:	Not determined.
Auto-ignition temperature:	Product is not selfigniting.
Explosive properties:	Product is not explosive. However, formation of explosive a vapour mixtures are possible.
Explosion limits: Lower: Upper:	1 Vol % 7 Vol %
Vapour pressure at 20 °C:	99.99 hPa
Density at 20 °C:	0.98 g/cm ³
Solubility in / Miscibility with water:	Immiscible / difficult to mix.
Partition coefficient: n-octanol/water:	Not determined.
Solvent content: VOC (EU) VOC (EC)	630.6 g/l 64.35 %
9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1 Reactivity Stable
- · 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided:

No decomposition if used according to specifications.

- 10.3 Possibility of hazardous reactions Forms explosive gas mixture with air.
- 10.4 Conditions to avoid

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

- 10.5 Incompatible materials: No further relevant information available.
- **10.6 Hazardous decomposition products:** None if stored according to specifications.

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SECT	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:		
	141-78-6 ethy		
Oral	LD50	>5,000 mg/kg (rat)	
Derma		>5,000 mg/kg (rabbit)	
	67-63-0 propa		
Oral	LD50	5,045 mg/kg (rat)	
Derma	I LD50	12,800 mg/kg (rabbit)	
Inhalat	ive LC50/4 h	30 mg/L (rat)	
CAS: 1	1330-20-7 xyle	ene	
Derma		1,100 mg/kg (unknown)	
CAS: 1	100-41-4 ethy	Ibenzene	
Oral	LD50	3,500 mg/kg (rat)	
Derma	I LD50	17,800 mg/kg (rabbit)	
CAS: 6	CAS: 67-56-1 methanol		
Oral	ATE	100 mg/kg (unknown)	
Derma	I ATE	300 mg/kg (unknown)	
Inhalat	ive ATE	3 mg/l (unknown)	
CAS: 7	CAS: 77-58-7 dibutyltin dilaurate		
Oral	LD50	2,071 mg/kg (rat)	
· Primar	ry irritant effe	ect:	
	orrosion/irrit		
	s mild skin irrit		
	degreasing e		
	 Serious eye damage/irritation Causes serious eye irritation. 		
	s serious eye		
	• Respiratory or skin sensitisation Based on available data, the classification criteria are not met.		
	· Additional toxicological information:		
	May be harmful if inhaled.		
	Repeated exposure may cause skin dryness or cracking.		
	• CMR effects (carcinogenity, 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		
		ss or dizziness.	
STOT-	repeated exp	osure Based on available data, the classification criteria are not met.	(Contd. on page 9)



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· Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- · 12.1 Toxicity
- Aquatic toxicity:
 - CAS: 67-63-0 propan-2-ol
 - LC50/96 h 9,640 mg/L (pimephales promelas)
- LC50/48 h >100 mg/L (leuciscus idus)
- EC50/48 h 13,299 mg/L (daphnia magna)
- EC50/72 h >1,000 mg/L (desmodesmus subspicatus)

CAS: 77-58-7 dibutyltin dilaurate

LC50/96 h 3.1 mg/L (fish)

- EC50/48 h 1 mg/L (daphnia magna)
- EC50/72 h 1-10 mg/L (selenstrum capricornutum)
- · 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- · 12.4 Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

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

After prior treatment product has to be disposed of in an incinerator for hazardous waste adhering to the regulations pertaining to the disposal of particularly hazardous waste.

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

· European waste catalogue		
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances	
HP3	Flammable	
HP4	Irritant - skin irritation and eye damage	
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity	
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· Uncleaned packaging:

Recommendation:

Empty packages totally (without drops or grains, cleaned with a spatula). Under observation of the relevant local respectively national regulations re-use or recycling is preferred.

SECTION 14: Transport information	
· 14.1 UN-Number · ADR, IMDG, IATA	UN1866
 · 14.2 UN proper shipping name · ADR · IMDG, IATA 	1866 RESIN SOLUTION 1866 RESIN SOLUTION RESIN SOLUTION
· 14.3 Transport hazard class(es)	
ADR	
Class	3 (F1) Flammable liquids.
Label	3
· IMDG, IATA	
· Class	3 Flammable liquids.
· Label	3
 14.4 Packing group ADR, IMDG, IATA 	II
 · 14.5 Environmental hazards: · Marine pollutant: 	No
· 14.6 Special precautions for user	Warning: Flammable liquids.
Hazard identification number (Kemler code):	33
 EMS Number: Stowage Category 	F-E, <u>S-E</u> B
· 14.7 Transport in bulk according to Annex II o	
Marpol and the IBC Code	Not applicable.
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· Transport/Additional information:	
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
UN "Model Regulation":	UN 1866 RESIN SOLUTION, 3, II

SECTION 15: Regulatory information

 • 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture "CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1).
 "REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments).
 COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.
 HSE EH40/2005 Workplace Exposure Limits (as amended)
 Guidance on the classification and assessment of waste | Technical Guidance WM3 (1st edition 2015)

[·] Directive 2012/18/EU

- · 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

· 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.
- H301 Toxic if swallowed.
- H304 May be fatal if swallowed and enters airways.
- H311 Toxic in contact with skin.
- H312 Harmful in contact with skin.
- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.

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(Contd. of page 11) H331 Toxic if inhaled. H332 Harmful if inhaled. May cause respiratory irritation. H335 H336 May cause drowsiness or dizziness. H341 Suspected of causing genetic defects. H360FD May damage fertility. May damage the unborn child. H370 Causes damage to organs. H372 Causes damage to organs through prolonged or repeated exposure. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. Department issuing SDS: Prepared and verified in accordance with "REACH" Regulation (EC) No 1907/2006, Annex II, Part A, 0.2.3. Abbreviations and acronyms: ADR: Accord relatif au transport international 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) 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. 3: Acute toxicity – Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Corr. 1C: Skin corrosion/irritation - Category 1C 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 Muta. 2: Germ cell mutagenicity - Category 2 Repr. 1B: Reproductive toxicity - Category 1B STOT SE 1: Specific target organ toxicity (single exposure) - Category 1 STOT SE 3: Specific target organ toxicity (single exposure) - Category 3 STOT RE 1: Specific target organ toxicity (repeated exposure) - Category 1 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Asp. Tox. 1: Aspiration hazard – Category 1 Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard - Category 1 Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard - Category 1 * * Data compared to the previous version altered. GR