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

Printing date 12.06.2018 Version number 3 Revision: 12.06.2018

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

· **1.1 Product identifier**

· **Trade name: Douglas Adhesive for wood D3**

· **Article number:** A-1057
· **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** Adhesive

· **1.3 Details of the supplier of the safety data sheet**
· **Supplier:**
Curust Industries Ltd, Unit 7, Bromley Business Park,
Greystones, Co. Wicklow, Ireland, A63YW82
· **Further information obtainable from:** info@curust.ie
· **1.4 Emergency telephone number:** (01) 8092566

SECTION 2: Hazards identification

· **2.1 Classification of the substance or mixture**
· **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.

· **2.2 Label elements**
· **Labelling according to Regulation (EC) No 1272/2008** Void
· **Hazard pictograms** Void
· **Signal word** Void
· **Hazard statements** Void
· **Additional information:**
EUH208 Contains a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1). May produce an allergic reaction.
EUH210 Safety data sheet available on request.
Keep out of the reach of children
Contains biocidal products: a mixture of: 5-chloro-2-methyl-2 H -isothiazol-3-one [EC No 247-500-7] and 2-methyl-2 H -isothiazol-3-one [EC No 220-239-6] (3:1)
· **2.3 Other hazards**
· **Results of PBT and vPvB assessment**
· **PBT:** Not applicable.
· **vPvB:** Not applicable.

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SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**
· **Description:** Water dispersion of polyvinyl acetate reologically modified.

· **Dangerous components:**

CAS: 108-32-7 EINECS: 203-572-1 Reg.nr.: 01-2119537232-48-XXXX	propylene carbonate	Eye Irrit. 2, H319	<5%

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· ***Additional information:*** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

· ***4.1 Description of first aid measures***
· ***General information:*** Immediately remove any clothing soiled by the product.
· ***After inhalation:*** Supply fresh air; consult doctor in case of complaints.
· ***After skin contact:***
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
· ***After eye contact:***
Rinse opened eye for several minutes under running water.
If symptoms persist, consult doctor.
· ***After swallowing:*** If symptoms persist consult doctor.
· ***4.2 Most important symptoms and effects, both acute and delayed***
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***
· ***Suitable extinguishing agents:***
Foam.
Fire-extinguishing powder.
Carbon dioxide.
Water haze.
· ***For safety reasons unsuitable extinguishing agents:*** Water with full jet.
· ***5.2 Special hazards arising from the substance or mixture***
Carbon monoxide (CO).
Carbon diooxide (CO2).
· ***5.3 Advice for firefighters***
· ***Protective equipment:*** Wear self-contained respiratory protective device.
· ***Additional information*** Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

· ***6.1 Personal precautions, protective equipment and emergency procedures***
Protect eyes and skin. Wear goggles and gloves. Avoid direct contact.
· ***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).
· ***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***
At work do not eat, drink or smoke.

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Avoid contact with respiratory system, skin and eyes. See also section 8.
No special measures required.
· ***Information about fire - and explosion protection:*** No special measures required.

· ***7.2 Conditions for safe storage, including any incompatibilities***
· ***Storage:***
· ***Requirements to be met by storerooms and receptacles:***
Store in a cool location.
Keep away from water and moisture.
· ***Information about storage in one common storage facility:*** See Section 10.
· ***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.

· ***8.1 Control parameters***
· ***Ingredients with limit values that require monitoring at the workplace:***
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

· ***8.2 Exposure controls***
· ***Personal protective equipment:***
· ***General protective and hygienic measures:***
Keep away from foodstuffs, beverages and feed.
Do not eat or drink while working.
Wash hands before breaks and at the end of work.
Avoid contact with the eyes and skin.
· ***Respiratory protection:*** Not required.
· ***Protection of hands:***



Protective gloves

EN 374
The glove material has to be impermeable and resistant to the product / the substance / the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
· ***Material of gloves***
Nitrile rubber.
Recommended thickness of the material: ≥ 0.1 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 th e 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***
≥ 480 min
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
· ***Eye protection:*** Goggles recommended during refilling.

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SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**	
· **General Information**	
· **Appearance:**	
Form:	Liquid
Colour:	White
· **Odour:**	Characteristic
· **Odour threshold:**	Not determined
· **pH-value:**	2,5-3,5
· **Change in condition**	
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
· **Flash point:**	Not applicable
· **Flammability (solid, gas):**	Not applicable
· **Decomposition temperature:**	Not determined
· **Auto-ignition temperature:**	Product is not selfigniting
· **Explosive properties:**	Product does not present an explosion hazard
· **Explosion limits:**	
Lower:	Not determined
Upper:	Not determined
· **Vapour pressure:**	Not determined
· **Density:**	1,1 ± 0,05 g/cm³
· **Relative density**	Not determined
· **Vapour density**	Not determined
· **Evaporation rate**	Not determined
· **Solubility in / Miscibility with water:**	Miscible
· **Partition coefficient: n-octanol/water:**	Not determined
· **Viscosity:**	
Dynamic:	~ 12 000 mPas
Kinematic:	Not determined
· **9.2 Other information**	No further relevant information available

SECTION 10: Stability and reactivity

· **10.1 Reactivity**
No hazardous reactions if the regulations / notes for storage and handling of the product will be respected.
· **10.2 Chemical stability**
· **Thermal decomposition / conditions to be avoided:**
No decomposition if stored and applied as directed. This cross-linked polymer will release formaldehyde in application processes involving the use of greater than 100 °C (212 F).
· **10.3 Possibility of hazardous reactions** No dangerous reactions known.
· **10.4 Conditions to avoid** No further relevant information available.
· **10.5 Incompatible materials:** No data available.

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· ***10.6 Hazardous decomposition products:***
Hazardous decomposition products are not known if the regulations/ guidelines for storage and handling of the product are followed.

SECTION 11: Toxicological information

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

SECTION 12: Ecological information

· ***12.1 Toxicity***
· ***Aquatic toxicity:*** No further relevant information available.
· ***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:*** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.
· ***12.5 Results of PBT and vPvB assessment***
· ***PBT:*** Not applicable.
· ***vPvB:*** Not applicable.
· ***12.6 Other adverse effects*** No further relevant information available.

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SECTION 13: Disposal considerations

· ***13.1 Waste treatment methods***
· ***Recommendation***
Dispose of in a safe manner in accordance with local / national regulations.
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Do not allow to enter surface or ground water.
Assigning a code from the waste catalogue depends on the sector, in which the user operates, as well as on arrangements made between the waste generator and a competent environment protection department.

· ***European waste catalogue***	
15 01 02	plastic packaging

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

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SECTION 14: Transport information

· ***14.1 UN-Number***	
· ***ADR, ADN, IMDG, IATA***	Not applicable
· ***14.2 UN proper shipping name***	
· ***ADR, ADN, IMDG, IATA***	Not applicable
· ***14.3 Transport hazard class(es)***	
· ***ADR, ADN, IMDG, IATA***	
· ***Class***	Not applicable
· ***14.4 Packing group***	
· ***ADR, IMDG, IATA***	Not applicable
· ***14.5 Environmental hazards:***	
· ***Marine pollutant:***	No.
· ***14.6 Special precautions for user***	Not applicable.
· ***14.7 Transport in bulk according to Annex II of Marpol and the IBC Code***	Not applicable.
· ***UN "Model Regulation":***	Not applicable

SECTION 15: Regulatory information

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

· ***Directive 2012/18/EU***
· ***Named dangerous substances - ANNEX I*** None of the ingredients is listed.

· ***Other regulations, limitations and prohibitive regulations***
Restrictions on the marketing and use of certain dangerous substances and mixtures (Annex XVII, REACH): No restriction
· ***Substances of very high concern (SVHC) according to REACH, Article 57***
None of the ingredients is listed.
· ***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***
H319 Causes serious eye irritation.
· ***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)
PBT: Persistent, Bioaccumulative and Toxic
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2