



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

1.1 Product identifier

- Trade name: HS-3000
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance/the mixture:** Adhesion of wood and paper products
- 1.3 Details of the supplier of the safety data sheet
- Manufacturer/Supplier: Remoku limited - Specialty Chemicals.
- Full address:
- **Phone number:** +44(0) 2039542556
- **Email:** info@remoku.net
- **Only Representative/other EU contact point:** Not available
- **Further information obtainable from:** Remoku limited - Specialty Chemicals.

1.4 Emergency telephone number:

UNITED KINGDOM

National Poisons Information Service

Tel: +44(0) 2039542556 (for healthcare professional)

+44(0) 2039542556 (in England or Wales)

info@remoku.net

- **1.5 Reference Number:** CP18-064735 - SZ, CANEC1825024802

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.

- **Information concerning particular hazards for human and environment:** The product has no to be labelled due to the calculation procedure of Regulation (EC) No. 1272/2008.

Classification system

- The classification is according to the latest edition of EU Regulation (EC) NO. 1272/2008, and extended by company and literature data.

2.2 Label elements

- **Labelling according to Regulation (EC) NO. 1272/2008** Void

• **Hazard pictograms** void

• **Signal word** void

• **Hazard statements** void

2.3 Other hazards:

- **Results of PBT and vPvB assessment**

• PBT: Not applicable

• vPvB: Not applicable

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description:

Mixture of the substances listed below with nonhazardous additions.

For the wording of the listed hazard statements refer to section 16

composition:

CAS:7732-18-5	Water	55-60%
CAS:9003-20-7	Polyvinyl acetate (PVAC)	10-20%
CAS:9002-89-5	polyvinyl alcohol	10-15%
CAS:471-34-1	Calcium carbonat	20-30%

Remarks: According to Regulation (EC) NO. 1272/2008, all ingredients listed in the above table are not classified

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SECTION 4: First aid measures

4.1 Description of first aid measures

- **General description:** No special measures required.
- **After inhalation:** supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **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 needs:** No further relevant information available.

SECTION 5:Firefighting measures

- **5.1 Extinguishing media**
- Suitable extinguishing agents:Use fire extinguishing methods suitable to surrounding conditions.
- **5.2 Special hazards arising from the substance or mixture** :No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment**:No special measures required.

SECTION 6:Accidental release measures

- **6.1 Personal precautions,protective equipment and emergency procedures**: Not required
- **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 equipment. 13 for disposal information.

SECTION 7:Handling and storage

- **7.1 Precautions for safe handling**:
No special measures required.
For the general occupational hygienic measures refer to Section 8.
- **Information about fire -and explosion protection**: No special measures required.
- **7.2 Conditions for safe storage,including any incompatibilities**
- **Requirements to be met by storerooms and receptacles**:No special required.
- **Information about storage in one common storage facility**:Not required.
- **Further information about storage conditions**:None.
- **7.3 Specific end use(s)**:No further relevant information available

SECTION 8:Exposure controls/personal protection

- **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.
- **DNELs**:Not available
- **PNECs**:Not available
- **Additional information**: The lists valid during the making were used as basis.

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- **8.2 Exposure controls**
- Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure
- **Appropriate engineering controls**:See Section 7 for information about design of technical facilities.
- **Respiratory protection**:Not required.
- **Hand protection**:



Protection of hands

The glove material has to be impermeable and resistant to the product/the substance/the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/the preparation/the chemical mixture.

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

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from 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**:Goggles recommended during refilling
- **Environmental exposure controls**: control measures must be made in accordance with community environmental protection legislation.

SECTION 9:Physical and chemical properties



<ul style="list-style-type: none"> 9.1 Information on basic physical and chemical properties 	
<ul style="list-style-type: none"> Appearance: <ul style="list-style-type: none"> Form: Viscous liquid Colour: Milky White Odour: Slight Odour threshold: Not available 	
pH-value	6-8
<ul style="list-style-type: none"> Change in condition <ul style="list-style-type: none"> Melting point/Freezing point: Not available Initial boiling point and boiling range: 100 	
Flash point:	Not available
Flammability(solid, gas):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Self-igniting:	Not available
Explosive properties:	Not available
<ul style="list-style-type: none"> Explosion limits: <ul style="list-style-type: none"> Lower: Not available Upper: Not available Oxidising properties: Not available 	
Vapour pressure:	Not available
<ul style="list-style-type: none"> Density: 1.15 Relative density: Not available Evaporation rate: Not available 	
<ul style="list-style-type: none"> Solubility in/Miscibility with water: Dissolved in water 	

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<ul style="list-style-type: none"> Partition coefficient:n-octanol/water: Not available 	
<ul style="list-style-type: none"> Viscosity: 10000-15000CPS <ul style="list-style-type: none"> Dynamic: Not available Kinematic: Not available 	
9.2 Other information	No further relevant information available

SECTION 10:Stability and reactivity

- 10.1 Reactivity:Data not available
- 10.2 Chemical stability: Data not available
- 10.3 Possibility of hazardous reactions:No dangerous reactions known
- 10.4 Conditions to avoid: Not futher relevant information available.
- 10.5 Incompatible materials: Not futher relevant information available.
- 10.6 Hazardous decomposition products: No dangerous reactions known

SECTION 11:Toxicological information

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

<ul style="list-style-type: none"> LD/LC50 values relevant for classification: 		
9002-89-5 Polyvinyl alcohol		
Oral	LD50	14,270 mg/kg (mouse) 23,854 mg/kg (rat)

- 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 sensitization: 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.
- 12.5 Results of PBT and IPB assessment
- PBT: Not applicable
- vPvB: Not applicable
- 12.6 Other adverse effects: No further relevant information available.

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- 12.7 Additional ecological information:
- General notes:
Water hazard class 1(German Regulation)(Self-assessment):slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
- Recommendation: Smaller quantities can be disposed of with household waste
- uncleaned packaging
- Recommendation: Disposal must be made according to official regulations

SECTION 14: Transport information

• 14.1 Un-number	
• ADR/RID/ADN, IMDG, IATA	Not applicable
• 14.2 UN proper shipping name	
• ADR/RID/ADN, IMDG, IATA	Not applicable
• 14.3 Transport hazard class(es)	
• ADR/RID/ADN, IMDG, IATA	
• Class	Not applicable
• Label	-
• 14.4 Packing group	
• ADR/RID/ADN, IMDG, IATA	Not applicable
• 14.5 Environmental hazards:	
• Marine pollutant:	No
• 14.6 Special precautions for user	Not applicable
• Marine pollutant:	-
• 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable
• 14.8 Transport/Additional information:	Nor dangerous according to the above specifications.
• UN mode Regulation"	Not applicable

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulation/legislation specific for the substance or mixture

• MAK(German Maximum Workplace Concentration)

None of the ingredients is listed

- Directive 2012/18/EU
- Named dangerous substances-ANNEX I None of the ingredients is listed.
- Seveso category Not applicable
- Qualifying quantity (tonnes) for the application of lower-tier requirements Not applicable
- National regulations:
- Waterhazard class: Water hazard class 1 (self-assessment): slightly hazardous for water.



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• **Other regulations, limitations and prohibitive regulations**

• **SVHC Candidate List of REACH Regulation Annex XIV Authorisation(27/6/2018)**

None of the ingredients is listed

• **REACH Regulation Annex A WII Restriction(10/10/2018)**

See Section 16 for information about restriction of use.

None of the ingredients is listed

• **REACH Regulation Annex XIV Authorisation List(13/6/2017)**

None of the ingredients is listed

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

SECTION I6: Other information

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The contents and format of this SDS are in accordance with Regulation(EC)No 1907/2006, 1272/2008 and Regulation(EU) No 2015/830.

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• **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)

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 toxic substances

vPvB: very Persistent and very Bioaccumulative