



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

### 1.1 Product identifier

- Trade name: HS-3189
- **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

Hazardous components:		
CAS:55965-84-9	5-Chloro-2-methyl-3(2H)-isothiazolone, mixt. with 2-methyl-3(2H)-isothiazolone	<0.0030%
Non-hazardous components		
CAS:24937-78-8	Ethylene-vinyl acetate copolymer	15-25%
CAS:9017-09-8	Polyurethane dispersion	20-30%
CAS:7732-18-5	Water	45-55%

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

Trade name: HS-3189

## 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 needed:** 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.

Trade name:HS-3189

- **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

- **9.1 Information on basic physical and chemical properties**
- **Appearance**:
 

Form:	Viscous liquid
Colour:	Translucence
Odour:	None
Odour threshold:	Not available

- **pH-value** 7-9



• <b>Change in condition</b>	
• <b>Melting point/Freezing point:</b>	Not available
• <b>Initial boiling point and boiling range:</b>	100
• <b>Flash point:</b>	Not available
• <b>Flammability(solid, gas):</b>	Not available
• <b>Auto-ignition temperature:</b>	Not available
• <b>Decomposition temperature:</b>	Not available
• <b>Self-igniting:</b>	Not available
• <b>Explosive properties:</b>	Not available
• <b>Explosion limits:</b>	
Lower:	Not available
Upper:	Not available
• <b>Oxidising properties:</b>	Not available
• <b>Vapour pressure:</b>	Not available
• <b>Density:</b>	1.07
• <b>Relative density:</b>	Not available
• <b>Evaporation rate:</b>	Not available
• <b>Solubility in/Miscibility with water:</b>	Dissolved in water

Trade name:HS-3189

• <b>Partition coefficient:n-octanol/water:</b>	Not available
• <b>Viscosity:</b>	1000-1500CPS
Dynamic:	Not available
Kinematic:	Not available
<b>9.2 Other information</b>	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.

• <b>LD/LC50 values relevant for classification:</b>		
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 mer
- **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 futher 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:** Nor applicable
- **vPvB:** Not applicable
- **12.6 Other adverse effects:** No further relevant information available.



Trade name:HS-3189

• 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 applicabie

• 14.2 UN proper shipping name

• ADR/RID/ADN, IMDG, IATA Not applicabie

• 14.3 Transport hazard class(es)

• ADR/RID/ADN, IMDG, IATA

• Class

Not applicabie

• Label

-

• 14.4 Packing group

• ADR/RID/ADN, IMDG, IATA Not applicabie

• 14.5 Environmental hazards:

• Marine pollutant: No

• 14.6 Special precautions for user Not applicabie

• Marine pollutant: -

• 14.7 Transport in bulk according to Annex II of

Marpol and the IBC Code

Not applicabie

• 14.8 Transport/Additional information:Nor dangerous according to the above specifications.

• UN"mode Regulation"

Not applicabie

### SECTION 15: Regulatory information

• 15.1 Safety, health and environmetal 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 applicabie

• Qualifying quantity (tonnes) for the application of lower-tier requirements Not applicabie

• National regulations:

• Waterhazard class: Water hazard class 1 (self-assessment): slightly hazardous for water.

Trade name:HS-3189

• 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 Anner 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 his 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