

1 IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING/SUPPLIER

Product identifier:

Trade name: **EcoWeld 2532**

Relevant identified uses of the substance or mixture and uses advised against:

Use: Adhesive

Supplier of safety data sheet:

Manufacturer/Supplier:

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2 HAZARDS IDENTIFICATION

Label elements:

According to regulation (EC) No 1272/2008 [CLP]
Globally Harmonized System (GHS)
The product does not require a hazard warning label in accordance with GHS criteria.

According to Directive 67/548/EEC or 1999/45/EC
Directive 1999/45/EC ('Preparation Directive')

The product does not require a hazard warning label in accordance with EC Directives. Classification and labelling were undertaken on the basis of tests on a preparation of similar composition.

Classification of the substance or mixture:

According to regulation (EC) No 1272/2008 [CLP]
No need for classification according to GHS criteria for this product.

According to Directive 67/548/EEC or 1999/45/EC
Possible Hazards:
No particular hazards known

According to regulation (EC) No 1272/2008 [CLP]
Other hazards (GHS):
No specific dangers known, if the regulations/notes for storage and handling are considered. If the product adheres to skin, irritation may occur when it dries.

EUH 208: Contains Biocide, may cause an allergic reaction

Result of PBT and vPvB assessment:

PBT: Not applicable

vPvB : Not applicable

3 COMPOSITION/INFORMATION ON INGREDIENTS

Type of product: Mixture

Description/Nature of the product: Modified poly-chloroprene latex, 50% c.a in water.

Ingredients:

Sodium salts of resin acids/Potassium salts of resin acids

Concentration [wt -%] ca. 0,5 - 1,0

CAS-No.: 61790-51-0

EINECS-No.: 263-144-5

CLASSIFICATION(1272/2008/CE): Eye irrit.2, H319

CLASSIFICATION(67/548/EEC): Xi R36

Surfactant

Concentration [wt -%] ca. < 0,4%

CAS-No.: ---

EINECS-No.: ---

CLASSIFICATION(1272/2008/CE): Skin irrit.2, H315; Eye irrit.2, H319

Further Information:

The text about hazards instructions can be learned at the chapter 16. Hazard instruction refers to te mentioned ingredients only. No dangerous ingredients according to Regulation (EC) No. 1907/2006

Candidate List of Substances of Very High Concern for Authorisation:

This product does not contain substances of very high concern (Regulation (EC) No.1907/2006 (REACH), Article 57)

4 FIRST AID MEASURES

Description of first aid measures

General advice: Take off all the contaminated clothings

If inhaled: In case of irritation of the respiratory tract, seek medical advice.

In case of skin contact: Wash off immediately with soap and plenty of water. In case of skin reaction, seek medical advice.

In case of eye contact: Hold the eyes open and rinse with lukewarm water for a sufficiently long time (at least 10 minutes). Contact an ophthalmologist.

If swallowed: DO NOT induce vomiting. Seek medical advice.

5 FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Carbon dioxide (CO2), foam, extinguishing powder. Fight larger fires with water jet.

Unsuitable extinguishing media:

High volume water jet

Special hazards arising from the substance or mixture:

Burning releases carbon monoxide, carbon dioxide, oxides of nitrogen.

In the event of fire and/or explosion do not breathe fumes

Advice for fire-fighters:

Firemen must wear self-contained breathing apparatus.

Do not allow contaminated extinguishing water to enter the soil, ground-water or surface waters.

6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Wear protective clothing (see point no. 8). Ensure that adequate ventilation/aspiration system is available. Keep off unauthorized people

Environmental related measures:

Do not allow to escape into waterways, wastewater or soil.

Methods and material for containment and cleaning up:

Take up with absorbent for chemicals or, if necessary with dry sand and store in closed containers.

Reference to other sections:

For further disposal measures see section 13.

7 HANDLING AND STORAGE

Precautions for safe handling:

When handling observe the usual precautionary measures for chemicals.

Ensure adequate ventilation and, if necessary, exhaust ventilation when handling or transferring the product. Contact with skin and eyes and inhalation of vapors must be avoided.

Keep away from foodstuffs, drinks and tobacco. Wash hands before breaks and the end of workday. Keep working clothes separately. Change contaminated or soaked clothing.

Condition for safe storage, including any incompatibilities:

Keep container tightly closed in a dry place. Further information on the storage conditions which must be observed to preserve the quality can be found in our product information sheet.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters:

No information on Exposure Limit Values necessary according to EC directive 2006/121/EG.

Following exposure controls/personal protection must be considered as recommendation to ensure maximum hygiene on working places.

Exposure controls**Respiratory protection:**

Respiratory protection must be worn in work areas with inadequate ventilation, e.g. when cleaning or carrying out maintenance on containers.

Hand protection:

Suitable materials for safety gloves; EN 374:

Nitrile rubber-NBR: thickness $\geq 0,35$ mm; breakthrough time ≥ 480 min.

Butyl rubber-IIR: thickness $\geq 0,5$ mm; breakthrough time ≥ 480 min.

Fluorinated rubber-FKM: thickness $\geq 0,4$ mm; breakthrough time ≥ 480 min.

Polyvinyl chloride-PVC: thickness $\geq 0,5$ mm; breakthrough time ≥ 480 min.

Polychloroprene-CR: thickness \geq 0,5mm; breaktrough time \geq 480min.

Natural rubber-NR: thickness \geq 0,5mm; breaktrough time \geq 480min.

Recommendation: contaminated gloves should be disposed of.

Eye protection:

Wear eye/face protection.

Skin and body protection:

Wear suitable protective clothing.

9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance:	Fluid
Colour:	White
Odour:	Characteristic
PH:	9 \pm 1,00
Initial boiling point:	100 °C
Flashpoint:	Not applicable
Evaporation rate:	Not determined
Flammability (solid, gas):	Not applicable
Burning number:	Not applicable
Vapour pressure:	ca.130hPa at 50°C, 23hPa at 20°C
Vapour density:	Not determined
Density:	ca.1 g/cm ³ at 20°C \pm 0,02
Miscibility with water:	Fully miscible
Surface tension:	Not determined
Partition coefficient (n-octanol/water):	Not determined
Autoignition temperature:	Not applicable/Not self-flammable product
Ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity, dynamic:	900 (brookfield, spindle4, 50RPM) \pm 500,00
Explosive properties:	Not determined/Non explosive product
Dust explosion class:	Not applicable

Oxidising properties:	Not determined
Organic solvents:	0,0%
Water:	50 ± 1,00
Solid Content:	50 ± 1,00

10 STABILITY AND REACTIVITY

Thermal decomposition/ conditions to be avoided:

No decomposition if used according to specifications.

Dangerous reactions:

No dangerous reactions known

Dangerous products of decomposition:

No dangerous decomposition products known

11 TOXICOLOGICAL INFORMATION

Toxicological studies on the product are not yet available:

Please find below the data available to us

Information on toxicological effects**Acute toxicity, oral:**

LD50 rat, male:>5.000 mg/kg
Studies of a comparable product.

Primary skin irritation:

Species: rabbit
Result: slight irritant
Classification: No skin irritation
Method OECD Test Guideline 404
Studies of a comparable product.

Primary mucosae irritation:

Species: rabbit
Result: slight irritant
Classification: No eye irritation
Method: OECD Test Guideline 405
Studies of a comparable product

Sensitization:

Skin sensitisation according to Magnusson/Klingmann (maximizing test):
Species: guinea pig
Result: negative
Classification: Does non cause skin sensitization
Method: OECD Test Guideline 406
Studies of a comparable product.

Genotoxicity in vitro:

Test type: Salmonella/microsome test (Ames test)

Metabolic activation: with/without

Result: No indication of mutagenic effects

Method: OECD TEst Guideline 471

Studies of a comparable product.

Test type: Chromosome aberration test in vitro

Test system: Chinese hamster V79 cell line

Metabolic activation: with/without

Result: negative

Method: OECD TEst Guideline 473

Studies of a comparable product.

Subacute, subchronic and prolonged toxicity:

Sodium salts of resin acids

No adverse effect has been observed in chronic toxicity tests.

Studies of a comparable product.

Potassium salts of resin acids

No adverse effect has been observed in chronic toxicity tests.

Studies of a comparable product.

Acute toxicity, dermal:

Sodium salts of resin acids

LD50 rat: > 2,000 mg/kg

Method: OECD Test Guideline 402

Studies of a comparable product.

Potassium salts of resin acids

LD50 rat: > 2,000 mg/kg

Method: OECD Test Guideline 402

Studies of a comparable product.

12 ECOLOGICAL INFORMATION**Eco-toxicological studies on the product are not yet available:**

Do not allow to escape into waterways, wastewater or soil.

Please find below the data available to us:

Toxicity:**Acute Fish toxicity:**

LC50 > 100 mg/l

Species: Danio rerio (zebra fish)

Exposure duration: 96 h

Studies of a comparable product

Acute bacterial toxicity:

EC50 > 10,000 mg/l

Species: activated sludge

Method: OECD Test Guideline 209

Studies of a comparable product.

Ecotoxicology Assessment:

Acute aquatic toxicity: Based on available data, the classification criteria are not met.

Chronic aquatic toxicity: Based on available data, the classification criteria are not met.

Persistence and degradability**Biodegradability:**

Biodegradation: < 60%, 28 d, i.e. not readily degradable

Method: OECD Test Guideline 301 D

Studies of a comparable product

Bioaccumulative potential:

Bioaccumulation

Sodium salts of resin acids

Bioconcentration factor (BCF): 56.2

Potassium salts of resin acids

Bioconcentration factor (BCF): 56.2

Studies of a comparable product.

Partition coefficient (n-octanol/water):

Sodium salts of resin acids

log Pow: 0.9-6.6 at: 30 °C

Potassium salts of resin acids

log Pow: 0.9-6.6 at: 30 °C

Mobility in soil:

No data available

Results of PBT and vPvB assessment:

Sodium salts of resin acids

This substance does not meet the criteria for classification as PBT or vPvB

Other adverse effects:

No data available

13 DISPOSAL CONSIDERATIONS

Dispose in accordance with applicable international, national and local laws, ordinances and statutes.

For disposal within the EC, the appropriate code according to the European Waste Catalogue(EWC) should be used.

Waste treatment methods

After containers have been emptied as thoroughly as possible (e.g. by pouring, scraping or draining until "drip-dry"), they can be sent to an appropriate collection point set up within the framework of the existing take-back scheme of the chemical industry

None disposal into waste water.

14 TRANSPORT INFORMATION

ADR/RID:

- 14.1 UN number : Not dangerous goods
- 14.2 UN proper shipping name : Not dangerous goods
- 14.3 Transport hazard class(es) : Not dangerous goods
- 14.4 Packing group : Not dangerous goods
- 14.5 Environmental hazards : Not dangerous goods

ADN:

- 14.1 UN number : Not dangerous goods
- 14.2 UN proper shipping name : Not dangerous goods
- 14.3 Transport hazard class(es) : Not dangerous goods
- 14.4 Packing group : Not dangerous goods
- 14.5 Environmental hazards : Not dangerous goods

This classification data does not apply to transportation by tanker. If required, additional information can be requested from the manufacturer

IATA:

- 14.1 UN number : Not dangerous goods
- 14.2 UN proper shipping name : Not dangerous goods
- 14.3 Transport hazard class(es) : Not dangerous goods
- 14.4 Packing group : Not dangerous goods
- 14.5 Environmental hazards : Not dangerous goods

IMDG:

- 14.1 UN number : Not dangerous goods
- 14.2 UN proper shipping name : Not dangerous goods
- 14.3 Transport hazard class(es) : Not dangerous goods
- 14.4 Packing group : Not dangerous goods
- 14.5 Environmental hazards : Not dangerous goods

Special precautions for user:

See section 6-8

Additional information : Not dangerous cargo.
Avoid heat above +40 °C. Avoid temperature below +5 °C.
Keep separated from foodstuffs.

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:

Not applicable

15 REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

EU Directive 96/82/EC (Seveso II Directive)
Revision: 2003
Listed in regulation: Directive 96/82/EC
does not apply

Water Contaminating Class (Germany)
1 slightly water endangering
(in accordance with Annex 4 to the Directive on Water-Hazardous Substances)

Chemical Safety Assessment:

A Chemical Safety Assessment has not been conducted for this substance/mixture resp. its components

16 OTHER INFORMATION

Full text of hazardous (H) warnings referred to under section 2 and 3 of the CLP classification (1282/2008/CE):

H 315: Cause skin irritation

H319: Causes serious eye irritation

R36: Irritating to eyes

FURTHER INFORMATION

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

The information provided about the product on this Safety Data Sheet has been compiled according to our knowledge of the single constituents.

The data given herewith only applies when the products are used for proper application(s). The product is not sold as suitable for other applications - such usage may cause risks not mentioned in this sheet. Do not use for other application(s) without seeking advice from manufacturer.