

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

Product identifier:

**Trade name:** **EcoWeld 2533**

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

Use: Adhesive

**Supplier of safety data sheet:**

● **Manufacturer/Supplier:**

INTERCOM SRL  
Via della Gora 13  
50025 Montespertoli - Florence - Italy  
Tel.+39 0571 671096 Fax: +39 0571 671151

● **Informing department:** Quality Control

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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

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Type of product: Mixture

- **Description/Nature of the product:** Aqueous dispersion of a polymer based on polyurethane modified, ca.50%

- **Ingredients:**

NAME	IDENTIFIERS		67/548/EEC	REGULATION (EC) n.1272/2008 [C
Benzyl alcohol	REACH#:01-2119492630-38 EC:202-859-9 CAS: 100-51-6 Index: 603-057-00-5	1-5%	Xn; R20/22	Acute Tox. 4, H302 Acute Tox. 4, H332 Eye Irrit. 2, H319

### 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.

#### Most important symptoms and effects, both acute and delayed:

Symptoms: No significant symptoms are expected due to the non-classification of the product.

Hazards: No hazards anticipated

#### Indication of any immediate medical attention and special treatment needed:

Treatment: Symptomatic treatment (decontamination, vital functions)

### 5 FIRE-FIGHTING MEASURES

#### Suitable extinguishing media:

Carbon dioxide (CO<sub>2</sub>), 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:**

Use personal protective clothing. Avoid contact with skin and eyes

**Environmental related measures:**

Do not release untreated into natural waters

**Methods and material for containment and cleaning up:**

For small amounts: Pick up with suitable absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Dispose of absorbent material in accordance with regulations. For large amounts: Pump off product.

**Reference to other sections:**

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

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## 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.

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## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

**Control parameters:**

Components with workplace control parameters  
none

**Exposure controls****Hand protection:**

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding >480 minutes of permeation time according to EN 374): E.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), butyl rubber (0.7 mm) and other. Supplementary note: The specifications are based on tests, literature data and information of glove manufacturers or are derived from similar substances by analogy. Due to many conditions (e.g. temperature) it must be considered, that the practical usage of a chemical-protective glove in practice may be much shorter than the permeation time determined through testing.

**Eye protection:**

Safety glasses with side-shields (frame goggles)

**General safety and hygiene measures:**

Hands and/or face should be washed before breaks and at the end of the shift. Avoid contact with skin and eyes.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Appearance:	Fluid
Colour:	White
Odour:	Characteristic
PH:	7 ± 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 <sup>3</sup> at 20°C ± 0,00
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:	2500 (brookfield RVT) ± 1000,00
Explosive properties:	Not determined/Non explosive product
Dust explosion class:	Not applicable
Oxidising properties:	Not determined
Organic solvents:	< 0,2%
Water:	48 ± 2,00
Solid Content:	52 ± 2,00

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## 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

**Condition to avoid:**

Avoid extreme temperatures

**Incompatible materials:**

Substances to avoid: No substances known that should be avoided

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## 11 TOXICOLOGICAL INFORMATION

**Toxicological studies on the product are not yet available:**

For risk assessment data of a similar product:

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

LD50 rat, male:>2.000 mg/kg

**Primary skin irritation:**

Slight irritant

**Primary mucosae irritation:**

Slight irritant

**Sensitisation:**

No sensitization by skin contact

**CMR Assessment:**

Mutagenicity: Not mutagenic in Ames Test.

Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

No adverse effects were observed after repeated inhalative exposure in animal studies. The product has not been tested.

The statement has been derived from products of a similar structure or composition.

Other relevant toxicity information:

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The statement was derived from products of similar composition.

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## 12 ECOLOGICAL INFORMATION

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

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

For risk assessment data of a similar product:

**Persistence and degradability****Biodegradability:**

The product is not readily biodegradable

**Additional information on ecotoxicology:**

On the basis of the ecotoxicological data, the product can be classified as non-hazardous to fish and daphnia.

**Bioaccumulative potential:**

Based on its structural properties, the polymer is not biologically available. accumulation in organisms is not to be expected.

**Mobility in soil (and other compartments if available). Results of PBT and PvB assessment:**

According to Regulation (EC) No.453/2010: The product does not fulfill the criteria for PBT (persistent/bioaccumulative/toxic) or vPvB (very persistent/very bioaccumulative).

**Other adverse effects:**

No data available

**Additional information:**

Adsorbable organically-bound halogen (AOX):

No data available

Other ecotoxicological advice:

Do not release untreated into natural waters. At the present state of knowledge, no negative ecological effects are expected.

Ecological data are determined by analogy.

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**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 industr

None disposal into waste water.

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**14 TRANSPORT INFORMATION**

**ADG7 - Australia:**

Not dangerous goods

**IATA:**

Not dangerous goods

<b>IMDG:</b>	Not dangerous goods
Special precautions for user:	Not dangerous cargo. Avoid heat above +40 °C. Avoid temperature below +5 °C. Keep separated from foodstuffs.

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## 15 REGULATORY INFORMATION

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

No poison schedule number allocated

**Chemical Safety Assessment:**

Chemical Safety Assessment not required

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## 16 OTHER INFORMATION

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

R 20/22: Harmful by inhalation and if swallowed  
H 302: Harmful if swallowed  
H 332: Harmful if inhaled  
H 319: Eye irritating

**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.

**Interlocutor:** SDS@intercomsas.it