

## SPS Envirowall Ltd



### Safety Data Sheet according to (EC) 1907/2006 - Artclie 31

ISO No. 5012

Version 2

Date prepared: January 2022

#### SECTION 1 Identification of the article and of the company/undertaking

##### 1.1 Product identifier

**Trade Name:** Envirobase Basecoat

**Identification of the product:** Product Name: Envirobase Basecoat  
Product Code: EBA

**Type of product:** I Adhesive for bonding and split polystyrene plates - POLYSTYRENE PREMIUM  
II White adhesive for bonding and splsting of polystyrene plates - PREMIUM WHITE POLYSTYRENE  
III Bonding with sheathing fibers for bonding and splintering of polystyrene plates - PREMIUM POLYSTYRENE WITH REINFORCEMENT FIBERS  
Special IVAdidisv for bonding and splaching of polystyrene plates on the Wooden stand - OSB ADHESIVE  
VAdedisiv for pasting and splsting mineral wool on mineral supports MINERAL CLOUD ADHESIVE  
VI Polystyrene adhesive - POLYSTYRENE ECO  
VII Adhesive for polystyrene and weight of foam - POLYSTYRENE ECO PLUS  
VIII Polystyrene adhesive and foam weight - PROJECT  
IX Polystyrene adhesive - OPTIMUM DECOR POLYSTYRENE  
X Bonding-reinforcement polystyrene adhesive - ROTERM  
XI Bonding with sheathing fibers for bonding and splintering of polystyrene plates - PREMIUM POLYSTYRENE WITH WHITE REINFORCEMENT FIBRES  
XII. Adhesive for bonding and split polystyrene plates - POLYSTYRENE PREMIUM WINTER  
XIII. Adhesive for bonding and the dewling your veaty minerals on supports minerals LAROQ MINERAL CLOUD ADHESIVE

##### 1.2 Relevant identified uses of the substance, mixture or article and uses advised against

**Use:** For insulation of thermal and sound, for bonding and/or splashing with expanded polystyrene, inside or outside buildings, on mineral supports (cement, brick, concrete).

**Recommended uses:**

ONLY APPLICABLE ON MINERAL SUPPORTS.  
NOT APPLICABLE ON WOODEN, PLASTIC, METAL SUPPORTS, ETC.

##### 1.3 Details of the supplier of the safety data sheet

**Supplier** SPS Envirowall Ltd  
Lonsdale Chambers  
Lonsdale Street  
Stoke on Trent  
ST4 4BT  
United Kingdom  
Email: info@spsenvirowall.co.uk  
Telephone: 08451300983

##### 1.4 Emergency telephone No. NHS : 111

#### SECTION 2 Hazards identification

##### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008:**

Hazard class	The hazard category	Hazard statement
Skin irritation	2	H315 – causes skin irritation.
Serious eye damage/irritation	1	H318 Causes serious eye damage
Skin sensitization	1	H317 – May cause it reaction skin allergy.
Single-toxicity target organ – single exposure; route irritation respiratory	3	H335 – May cause irritation horses respiratory.

##### 2.2 Label elements

**Pursuant to Regulation No 1272/2008:**

**Hazard pictograms**



Signal word: DANGER

**Hazard statements**

H318 – causes serious eye damage  
H315 – causes skin irritation  
H317 – May cause allergic skin reaction  
H335 – May cause respiratory irritation

**Precautionary statements**

P102 - keep out of reach of children.  
P280 - wear protective gloves/protective clothing/eye protection/face protection.  
P305+P351+P338+P310 - IN CASE OF CONTACT WITH THE EYES: Rinse carefully with water for many minutes. Remove contact lenses, if applicable and easily available. Continue rinsing.call a POISON CENTER immediately or a physician.  
P302+P352+P333+P313 - IN CASE OF CONTACT WITH SKIN: Wash with plenty of water and soap.in case of skin irritation or rash: seek medical advice.  
P261+P304+P340+P312 - avoid breathing dust/smoke/gas/mist/vapor/spray. IF INHALED: Transport the victim outdoors and keep it at rest in a comfortable position for breathing.call A POISON CENTER or physician if you are not feeling well.

## SECTION 2 Hazards identification CONT.....

P501 - Dispose of contents / container in a place where special waste is disposed of in accordance with local / regional / national / international regulations. The product contains: Portland cement clinker  
**Additional Information:** Skin contact with mortar may cause irritation or contact dermatitis. May cause damage to aluminum or other base materials.

### 2.3 Other hazards

Cement dust in the product may cause respiratory irritation. Due to its high alkalinity, wet cement can sensitize to skin contact and / or allergic reactions. Observe the information in this safety data sheet.

## SECTION 3 Composition/information on ingredients

Substance Name	CAS No	EC No	Contents by Weight %	Classification (REGULATION (EC) No 1272/2008)	Classification (Other)
Portland Cement	65997-15-1	266-043-4	20-30%	Skin irritation - 2 - H315 Serious eye damage - 1 - H318 Skin sensitization - 1 - H317 Acute toxicity - 3 - H335	For the full text of the H-Statements, see Section 16.
Dry quartz Sand	-	-	60-75		
Calcium Formate	644-17-2	208-863-7	0.1-0.5	Serious eye damage - 1 - H318	
Limestone Flour	1317-65-3	-	2-10	-	

## SECTION 4 First aid measures

### 4.1 General Information

- 4.1.1 After Skin contact:** Remove contaminated clothing, footwear, watches, etc. and clean them thoroughly before reusing them. Wash the affected area with plenty of water. If necessary, seek medical advice.
- 4.1.2 After Eye contact:** Do not rub your eyes to avoid possible destruction of the cornea by mechanical pressure. Remove contact lenses if worn. Tilt your head to the injured eye. Immediately flush eyes with plenty of water for at least 20 minutes to remove all particles. Avoid leaking particles into the uninjured eye. Contact an occupational medicine specialist or an ophthalmologist.
- 4.1.3 After Inhalation:** Remove person to fresh air. Dust in the throat and nasal passages should be cleaned immediately. If irritation or discomfort, coughing or other symptoms persist, contact a physician.
- 4.1.4 After Swallowing:** Rinse your mouth with water and then drink plenty of water. DO NOT induce vomiting. Seek medical advice.
- 4.2 Most important symptoms and effects, both acute and delayed**
- 4.2.1 Eyes:** Eye contact with the product may cause serious injury.
- 4.2.2 Skin:** The product may have an irritating effect on damp skin - due to perspiration or moisture, after prolonged contact or may cause contact dermatitis after repeated contact.
- 4.2.3 Inhalation:** Repeated inhalation of dust for a long time increases the risk of developing lung disease.
- 4.2.4 Environment:** Under normal use, the product is not dangerous for the environment.
- 4.3 Indication of any immediate medical attention and special treatment needed**  
 When you contact a doctor, take this safety data sheet with you.

## SECTION 5 Fire-fighting measures

- 5.1 Extinguishing media** The product is not flammable. In case of fire, use suitable extinguishing agents - dry powder, foam or CO2 extinguishers.
- 5.2 Special hazards** The product is non-flammable and non-explosive and will not facilitate or maintain the burning of other materials.
- 5.3 Recommendations for fire-fighters** Avoid dust formation. Use special breathing apparatus. Use appropriate extinguishing measures in your circumstances and environment.

## SECTION 6 Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

- 6.1.1 For Staff not involved in emergencies:** Make sure that the ventilation is done properly. Dust levels must be kept to a minimum. Remove unprotected persons. Avoid contact with skin, eyes and clothing - wear suitable protective equipment (see Section 8). Avoid inhalation of dust - make sure that the room is well ventilated or that proper respiratory protective equipment is used. Wear appropriate protective equipment (see Section 8).
- 6.1.2 For Emergency personnel:** Dust levels must be kept to a minimum. Make sure that the ventilation is done properly. Remove unprotected persons. Avoid contact with skin, eyes and clothing - wear suitable protective equipment (see Section 8). Avoid inhalation of dust - make sure that the room is well ventilated or that proper respiratory protective equipment is used, wear appropriate protective equipment (see Section 8).
- 6.2 Environmental precautions** Avoid the formation of dust clouds and air pollution. Make sure that the wash does not spill into drains or watercourses. Any significant run-off in watercourses must be reported to the Environment Agency or other regulatory body.
- 6.3 Methods and material for containment and cleaning up**  
 Avoid dust formation in all situations. The material should be kept dry if possible. Tighten the product using wet mechanical devices. Use a vacuum cleaner or put everything in bags.
- 6.4 Reference to other sections** For more information on exposure control / personal protection or disposal considerations, please refer to Sections 8 and 13 of this safety data sheet.

## SECTION 7 Handling and storage

\*Do not handle or store the product near food, drink or tobacco.

### 7.1 Precautions for safe handling

- 7.1.1 Protection Measures:** Avoid contact with skin and eyes. Wear protective equipment (see Section 8 of this safety data sheet). Do not wear contact lenses when handling this product. Dust levels must be kept to a minimum. Minimize dust creation. Insulate dust sources, use an exhaust ventilation system (dust collector at handling points).
- 7.1.2 Professional Hygiene Information:** Avoid inhalation, swallowing or contact with skin and eyes. General measures of professional hygiene must be provided to ensure the safe handling of the substance. These measures involve well-trained staff and household chores (eg regular cleaning with appropriate cleaning devices), no alcohol consumption, no food and no smoking in the workplace. Take a shower and change clothes only at the end of the shift. Do not wear contaminated clothing at home.

### 7.2 Conditions for safe storage, including any incompatibilities

The product must be stored in dry, clean silos and protected from water ingress and contamination. Packaged products should be stored in closed bags without contact with the ground, in dry places, protected from moisture, on wooden pallets. The bags must be stacked in a stable manner. Keep out of reach of children.

### 7.3 Specific end use(s) No additional information is available for specific end use (see Section 1.2).

## SECTION 8 Exposure controls/personal protection

### 8.1 Control parameters




- 8.1.1 Occupational/workplace exposure limits:** They are not regulated.
- 8.1.2 Limit biological values:** None
- 8.1.3 Additional exposure limits under the conditions of use:** **Inhalation:** 1.5 mg/m<sup>3</sup>  
**Dermatological:** NA  
**Oral:** It's not relevant  
\* DNEL refers to breathable dust. Instead, the instrument used for risk assessment (MEASE) works with the inhalable fraction. Therefore, an additional safety margin is inherently included in the results of the risk assessment and management measures.  
For workers, DNEL is not available for dermal exposure, either from hazard studies or from human experience. Because the product is classified as skin and eye irritant, skin exposure should be minimized as technically as possible.

**PNEC values: Aquatic environment:** has no toxic effect on fish, invertebrates, algae and microorganisms

**Sediments:** NA

**Soil:** Not the case

\* The assessment of environmental risk compartments is based on the impact of the resulting pH on the water.

- 8.2 Exposure controls:** Dust should be avoided in order to control possible exposures. In addition, the use of appropriate protective equipment is recommended.  
Wear eye protection (eg goggles or visor) unless possible eye contact is automatically ruled out by the nature and type of application (eg closed processes).  
Wear face protection, protective clothing and special protective footwear.
- 8.3 Appropriate technical controls:** If user operations produce dust, isolate areas where they occur using exhaust ventilation or other technical controls to keep airborne dust levels below the recommended exposure limits.
- 8.4 Personal protective equipment, such as personal protective**
-  **Eye / face protection:** Do not wear contact lenses. For dust, you need waterproof side goggles or goggles with perfect visibility. It is best to have a special eye wash solution with you.
-  **Skin protection:** As the product is classified as irritating to the skin, it is advisable to use protective gloves that cover the skin completely, pants with a maximum length, long-sleeved overalls with all zippers closed and shoes resistant to caustic products to prevent dust penetration.
-  **Respiratory protection:** In case of lack of ventilation it is recommended to wear a dust mask approved by EN 149
- Thermal hazards:** The product is not thermally hazardous.
- 8.5 Environmental exposure controls:** Avoid release to the environment. Stop leakage. Any significant leakage in watercourses must be brought to the attention of the regulatory authority responsible for environmental protection or another regulatory body.

## SECTION 9 Physical and chemical properties

**Appearance:** Solid, in powder form

**Odour:** Neutral

**Odour Threshold:** No odour limit. Neutral

**pH value:** In delivery condition: not applicable

**Melting Point:** >1-250°C

**Initial boiling point & boiling range:** Not applicable under normal weather conditions

**Flash point:** Not applicable

**Evaporation rate:** Not applicable

**Flammability:** Non-flammable solid

**Upper / lower flammability or explosion limit:** Not applicable because it is not a flammable gas.

**Vapour pressure:** Not applicable

## SECTION 9 Physical and chemical properties CONT.....

**Vapour density:** Not applicable

**Relative Density:** 1 200-1 400 kg/m<sup>3</sup>

**Solubility:** Up to 2.3 g / l

**Partition coefficient: n-octanol / water:** Not applicable

**Self-ignition temperature:** Not applicable (no pyrophoric components in the composition)

**Decomposition temperature:** Not applicable because no organic peroxide is present.

**Viscosity:** Does not apply because it is not a liquid.

**Explosive properties:** Not applicable because it is not explosive or pyrotechnic. It alone is not capable of producing gas by chemical reaction at temperature and pressure and at a rate that causes damage.

**Oxidizing properties:** Not applicable because it does not cause or contribute to the burning of other materials.

**9.2 Other information:** Not applicable

## SECTION 10 Stability and reactivity

**10.1 Reactivity** When mixed with water, the product hardens to a stable mass that is not reactive under normal media.

**10.2 Chemical stability** The product is stable under normal conditions of temperature and pressure.

**10.3 Possibility of hazardous reactions** The product does not cause any dangerous reactions.

**10.4 Conditions to avoid** Storing the product in wet conditions can cause lumps to form and lose its quality.

**10.5 Incompatible materials** Acids, ammonium salts, aluminum or other non-noble materials.

**10.6 Hazardous decomposition** The product does not decompose into hazardous products.

## SECTION 11 Toxicological information

### 11.1 Information on toxicological effects

Danger classes	Category	Effect
Acute Toxicity - Inhalation	-	Inhalation of dust may cause discomfort, tract, breathing superior. Irritating to respiratory tract in high concentrations of dust. No Acute inhalation toxicity was observed. Based on available data, the classification criteria are not met.
Acute Toxicity - Dermal	-	No effect of dermal toxicity is expected because of low potential absorption. Based on available data, the criteria for classification are not met.
Acute Toxicity - Oral	-	Based on available data, criteria of classification are not met.
Skin corrosion / irritation	2	The product in contact with damp skin may causes thickening, cracking or cracking of the skin. The irritating effect is more pronounced in contact with water, when giving an alkaline reaction. Dehydration.
Serious eye damage / eye irritation	1	The product in contact with the eye may have effects on the cornea, iris or conjunctiva that are not expected to be reversible, or which were not completely reversible in a period of 21 days.
Respiratory sensitization	-	There is no indication of respiratory sensitization. Based on available data, the criteria for classification are not met.
Skin sensitization	1	Some people may develop eczema exposure to wet dust or contact dermatitis by irritation after prolonged contact. The reaction can take a variety of forms from moderate urticaria to dermatitis severe.
Germ cell mutagenicity	-	There is no indication on the base dates available, criteria classification are not met.
Carcinogenicity	-	No association has been established between product exoneration and cancer. Based on available data, the criteria for classification are not met.
Reproductive toxicity	-	There is no indication. Based on available data , the classification criteria are not met.
STOT (single target organ toxicity) - single exposure	3	The product may irritate the throat and airways. Excessive exposure to occupational exposure limits may cause coughing, sneezing, and shortness of breath.
STOT (repeated target organ toxicity) - repeated exposure	-	There is no indication. Based on available data , the classification criteria are not met.
Aspiration hazard	-	There is no indication. Based on available data , the classification criteria are not met.

## SECTION 12 Ecological information

**12.1 Toxicity** Avoid spilling the product in natural waters, as it will raise the pH to a maximum of 12 in contact with

**12.2 Persistence and degradability** It is not relevant because the product does not present toxicity after hardening.

**12.3 Bioaccumulative potential** It is irrelevant because the product does not present a risk of toxicity after hardening.

**12.4 Mobility in soil** It is irrelevant because the product does not present a risk of toxicity after hardening.

**12.5 Results of PBT and vPvB asse:** It is irrelevant because the product does not present a risk of toxicity after hardening.

**12.6 Other adverse effects** They are not relevant.

## SECTION 13 Disposal considerations

- 13.0 Waste treatment methods** Do not dispose of in sewage systems or surface water
- Unused product or dry leaks:** Collect dry debris or spills. Mark the storage location. Reuse if possible taking into account the shelf life and the requirement to avoid exposure to dust. In case of elimination, harden with water and dispose of according to "Product, after addition with water, hardened".
- Product, after addition with water, hardened:** Dispose of in accordance with the Romanian legislation in force (GD 349/2005 on waste storage). Avoid entering the sewer system.
- Packing:** Bulk or packaging and labeling according to the Romanian legislation in force (GD 1408/2008 on classification, packaging and labeling of dangerous substances)

## SECTION 14 Transport information

No special protection measures other than those referred to in Section 8 are required

- 14.1 UN number** It's not relevant.
- 14.2 UN proper shipping name** It's not relevant.
- 14.3 Transport hazard class(es)** It's not relevant.
- 14.4 Special precautions for user** It's not relevant.
- 14.5 Transport in bulk according** It's not relevant.

## SECTION 15 Regulatory information

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

- 15.1.1 Specific Community provisions:** It is recommended that the data collected in this safety data sheet be used as input in a risk assessment of local circumstances in order to establish the necessary measures to prevent the risks for the management, use, storage and disposal of this product.
- 15.1.2 National regulations** Regulation (EC) no. 1272/2008 concerning the classification, labeling and packaging of substances and mixtures, amending and repealing, as well as amending Regulation (EC) No 1907/2006; -HG no. 1408/2008 on the classification, packaging and labeling of dangerous substances; -Law no. 319/2006 occupational safety and health law; - GD no. 1218/2006 regarding the establishment of the minimum occupational safety and health requirements for ensuring the protection of workers against the risks related to the presence of chemical agents; - GD no. 856/2002 on the record of waste management and for the approval of the list of waste, including hazardous waste; -Regulation (EU) no.453 / 2010 amending Regulation no.1907 / 2010-REACH.

- 15.2 Chemical safety assessment** No chemical safety assessments have been performed.

## SECTION 16 Other information

This version was updated on 11.05.2020, in order to comply with Regulation (EU) no. 453/2010 amending Regulation (EC) no. 1907/2006 (REACH), respectively according to Regulation (EC) No. 1272/2008 (CPL).

### Abbreviations:

DNEL: derived no-effect level  
 MEASE: Estimation of metals and assessment of exposure to substances  
 PBT: persistent, bioaccumulative and toxic  
 PNEC: no predicted concentration  
 vPvB: very persistent, very bioaccumulative chemical  
 REACH: registration, evaluation and authorization of chemicals  
 STOT: Specific target organ toxicity

### List of hazard statements:

H315: Causes skin irritation.  
 H317: May cause an allergic skin reaction.  
 H318: Causes serious eye damage.  
 H335: May cause respiratory irritation.

### List of prevention phrases:

P102: Keep out of reach of children.  
 P280 - Wear protective gloves / protective clothing / eye protection / face protection.  
 P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if necessary, and do so easily. Keep rinsing. Call a TOXICOLOGICAL INFORMATION CENTER or doctor.  
 P302 + P352 + P333 + P313 IF ON SKIN: Wash with plenty of soap and water. In case of skin irritation or rash: Consult a doctor.  
 P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell.  
 P261 - Avoid inhaling dust / smoke / gas / mist / vapor / spray.  
 P501 - Dispose of contents / container to special waste disposal areas in accordance with local / regional / national / international regulations.

**Additional Information:** The information in this data sheet is based on our knowledge of this product. The user's attention is drawn to any risks that may arise when the product is used for purposes

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