

According to the Regulation (EC) no. 1907/2006 (REACH) and the Regulation (EC) no. 453/2010.

## 1.- IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Trade name:	<i>weber.floor protect</i>
Intended application of the substance:	High performance two-part water based polyurethane finish, specially designed for long lasting protection of continuous mineral floorings done with <b>weber.floor design</b> . <b>weber.floor protect</b> provides a matte and natural finish to the floor.
Manufacturer/Supplier:	<b>Saint-Gobain Weber Cemarsa S.A.</b> Ctra. C 17 Km. 2 08110 MONTCADA I REIXAC Barcelona (Spain)
Telephone number:	+34 93-572.65.00
E-mail for contact:	info@weber.es
Telephone for Emergencies:	+34 93-572.65.00 During working hours only
National Centre of Toxicology telephone:	+34 91-562.04.20
Emergency telephone number:	112 (EU only)

## 2.- HAZARDS IDENTIFICATION

### PROTECT PRIM

#### **CLASSIFICATION OF THE MIXTURE (in accordance with Regulation 1272/2008):**



GHS07

Eye irritation 2 H319: Causes serious eye irritation

#### **CLASSIFICATION OF THE MIXTURE (in accordance with Directive 1999/45/EC):**

In accordance with Directive 1999/45/EC and Royal Decree 255/2003 the product is not classified as hazardous.

#### **LABEL ELEMENTS (in accordance with Directive 1999/45/EC):**

In accordance with Directive 1999/45/EC and Royal Decree 255/2003 the product does not require labelling. The usual precautionary measures for handling chemicals should be observed.

**Special labelling of certain preparations:** Material Safety Data Sheet available for professional users on request.

**PROTECT COMPONENT A:**

**CLASSIFICATION OF THE MIXTURE (in accordance with Regulation 1272/2008):**

In accordance with Regulation 1272/2008 the product is not classified as hazardous.

**CLASSIFICATION OF THE MIXTURE (in accordance with Directive 1999/45/EC):**

In accordance with Directive 1999/45/EC and Royal Decree 255/2003 the product is not classified as hazardous.

**LABEL ELEMENTS (in accordance with Directive 1999/45/EC):**

In accordance with Directive 1999/45/EC and Royal Decree 255/2003 the product does not require labelling. The usual precautionary measures for handling chemicals should be observed.

**Special labelling of certain preparations:** Material Safety Data Sheet available for professional users on request.

**PROTECT COMPONENT B:**

**CLASSIFICATION OF THE MIXTURE (in accordance with Regulation 1272/2008):**



GHS05 corrosive

Serious eye damage, category 1; H318: Causes serious eye damage.



GHS07

Acute toxicity 4  
Skin irritation 2  
Skin sensitisation 1  
STOT SE 3

H332: Harmful if inhaled  
H315: Causes skin irritation.  
H317: May cause an allergic skin reaction.  
H335: May cause respiratory irritation

**CLASSIFICATION OF THE MIXTURE (in accordance with Directive 1999/45/EC):**

The substance is classified as dangerous according to Directive 1999/45/EC and its amendments.



Xn-Harmful

**Classification:** Xn R20, R37, R43

**Hazards to the human health:** Harmful by inhalation. Irritating to respiratory system  
May cause sensitisation by skin contact

**LABEL ELEMENTS (in accordance with Directive 1999/45/EC):**

The product is labelled by the conventional method according to Directive 1999/45/EC and the Royal Decree 255/2003, of February 28, 2003, where the Regulation on classification, packaging and labelling of dangerous substances is approved.

Hazard symbols:



Xn - Harmful

R phrases:

- 20 Harmful by inhalation.
- 37 Irritating to respiratory system.
- 43 May cause sensitisation by skin contact.

S phrases:

- 2 Keep out of the reach of children.
- 13 Keep away from food, drink and animal foodstuffs.
- 23 Do not breathe fumes.
- 28 After contact with skin, wash immediately with plenty of soap and water.
- 36/37 Wear suitable protective clothing and gloves.
- 46 If swallowed, seek medical advice immediately and show this container or label.

Hazard-determining components of labelling:

Hexamethylen-1,6-diisocyanat homopolymer  
Aliphatic Polyisocyanate  
Hexamethylendiisocyanat-Oligomere  
Aliphatic Polyisocyanate

**Special labelling of certain preparations:**

Contains isocyanates. See information supplied by the manufacture

**3.- COMPOSITION/INFORMATION ON INGREDIENTS**

**PROTECT PRIM:**

**Chemical characterization:** mixture

**Dangerous components:**

**2-(2-Ethoxyethoxy)ethanol**

Concentration: 5-10 %  
CAS number: 111-90-0  
EINECS number: 203-919-7  
Classification according to 67/548/EEC or 1999/45/EC  
Hazard symbols: Xi

R phrases: 36  
Classification according to Regulation (EU) n. 1272/2008  
Class and hazard category: Eye irritation 2  
Hazard indication: H319

**3-butoxy-2-propanol**

Concentration: 2-5 %  
CAS number: 5131-66-8  
EINECS number: 225-878-4  
Classification according to 67/548/EEC or 1999/45/EC  
Hazard symbols: Xi  
R phrases: 36 38  
Classification according to Regulation (EU) n. 1272/2008  
Class and hazard category: Flammable liquids 3, Skin irritation 2, Eye irritation 2  
Hazard indication: H226 H315 H319

**PROTECT COMPONENT A:**

**Chemical characterization:** mixture

**Dangerous components:**

**2-(2-Ethoxyethoxy)ethanol**

Concentration: 5-10 %  
CAS number: 111-90-0  
EINECS number: 203-919-7  
Classification according to 67/548/EEC or 1999/45/EC  
Hazard symbols: Xi  
R phrases: 36  
Classification according to Regulation (EU) n. 1272/2008  
Class and hazard category: Eye irritation 2  
Hazard indication: H319

**PROTECT COMPONENT B:**

**Chemical characterization:** mixture

**Dangerous components:**

**Hexamethylen-1,6-diisocyanat homopolymer**

Concentration: > 50 %  
CAS number: 28182-81-2  
Classification according to 67/548/EEC or 1999/45/EC  
Hazard symbols: Xn Xi  
R phrases: 20 37 43  
Classification according to Regulation (EU) n. 1272/2008  
Class and hazard category: Acute toxicity 4, STOT single exposure 3, Skin sensitization 1  
Hazard indication: H332 H335 H317

**Hexamethylendiisocyanat-Oligomere**

Concentration: 5-10 %  
 CAS number: 282182-81-2  
 Classification according to 67/548/EEC or 1999/45/EC  
 Hazard symbols: Xi  
 R phrases: 43  
 Classification according to Regulation (EU) n. 1272/2008  
 Class and hazard category: Skin sensitization 1  
 Hazard indication: H317

**Aliphatic Polyisocyanate**

Concentration: 5-10 %  
 CAS number: 53880-05-0  
 Classification according to 67/548/EEC or 1999/45/EC  
 Hazard symbols: Xi  
 R phrases: 37 43  
 Classification according to Regulation (EU) n. 1272/2008  
 Class and hazard category: STOT single exposure 3, Skin sensitization 1  
 Hazard indication: H335 H317

**Aliphatic Polyisocyanate**

Concentration: 2-5 %  
 CAS number: 666723-27-9  
 Classification according to 67/548/EEC or 1999/45/EC  
 Hazard symbols: Xi  
 R phrases: 43  
 Classification according to Regulation (EU) n. 1272/2008  
 Class and hazard category: Skin sensitization 1  
 Hazard indication: H317

**n-Butyl Acetate**

Concentration: 2-5 %  
 CAS number: 123-86-4  
 EINECS number: 204-658-1  
 Classification according to 67/548/EEC or 1999/45/EC  
 Hazard symbols: ---  
 R phrases: 10 66/67  
 Classification according to Regulation (EU) n. 1272/2008  
 Class and hazard category: Flammable liquid 3, STOT single exposure 3  
 Hazard indication: H226 EUH066 H336

**Polyoxyethylene tridecyl ether phosphate**

Concentration: 1-2 %  
 CAS number: 9046-01-9  
 Classification according to 67/548/EEC or 1999/45/EC  
 Hazard symbols: Xi N  
 R phrases: 38 41 51/53

Classification according to  
Regulation (EU) n. 1272/2008  
Class and hazard category:  
Hazard indication:

Skin irritation 2, Eye damage 1, Chronic aquatic 2  
H315 H318 H411

**Cyclohexyldimethylamine**

Concentration: 1-2 %  
CAS number: 98-94-2  
EINECS number: 202-715-5

Classification according to  
67/548/EEC or 1999/45/EC

Hazard symbols: T C Xn  
R phrases: 24 34 20/22 10

Classification according to  
Regulation (EU) n. 1272/2008  
Class and hazard category:

Flammable liquid 3, Acute toxicity 3, Acute toxicity 2,  
Skin corrosion 1B, Acute toxicity 4  
H226 H311 H330 H314 H302

Hazard indication:

**Hexamethylene diisocyanate**

Concentration: 0,1-1 %  
CAS number: 822-06-0  
EINECS number: 212-485-8

Classification according to  
67/548/EEC or 1999/45/EC

Hazard symbols: T Xn Xi  
R phrases: 23 42/43 36/37/38

Classification according to  
Regulation (EU) n. 1272/2008  
Class and hazard category:

Acute toxicity 3, Respiratory sensitisation 1,  
Acute toxicity 4, Skin irritation 2, Eye irritation 2,  
Skin sensitisation 1, STOT Single Exposure 3  
H331 H334 H302 H315 H319 H317 H335

Hazard indication:

**4.- FIRST AID MEASURES****PROTECT PRIM OR PROTECT COMPONENT A:****Description of first aid measures**

**General information:** no special precautionary measures are required.

**After inhalation:**

Supply fresh air. Get medical attention if symptoms persist.

**After skin contact:**

Generally, the product does not irritate the skin. Rinse with water.

**After eye contact:**

Rinse opened eye for several minutes under running water.

**After swallowing:** Consult doctor in case of persistent symptoms.

**Information for doctor:****Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**COMPONENT B:****Description of first aid measures**

**General information:**

Symptoms of poisoning may appear after several hours; therefore medical observation for at least 48 hours after the accident is required.

Immediately remove the affected person from the danger zone. Seek medical attention if the patient requires it and present this information sheet.

**After inhalation:**

Supply fresh air. Eventually make artificial respiration and provide heat. If symptoms persist, consult a doctor.

**After skin contact:**

Rinse immediately with water. If skin irritation continues, consult a doctor.

**After eye contact:**

Rinse opened eye for several minutes under running water.

**After swallowing:** Consult doctor in case of persistent symptoms

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed**

No further relevant information available.

**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

## 5.- FIREFIGHTING MEASURES

**Extinguishing media**

**Suitable extinguishing agents:**

CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture**

No further relevant information available.

**Advice for firefighters**

**Protective equipment:**

Protect Prim or Protect Comp A: No special measures are required.

Protect Comp B: Wear mouth respiratory protective device.

## 6.- ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

Protect Prim or Comp. A: Not required.

Protect Comp. B: Ensure adequate ventilation.

**Environmental precautions:**

Protect Prim or Protect Comp. B: Not required.

Protect Comp. A: Dilute with plenty of water.

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

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7.- HANDLING AND STORAGE

**Handling:**

**Precautions for safe handling**

Keep receptacles tightly sealed.

Protect Comp. B: Ensure good ventilation/exhaustion at the workplace.

**Information about fire - and explosion protection:** No special measures are required.

**Conditions for safe storage, including any incompatibilities**

**Storage:**

**Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

Protect Comp. B: unsuitable material: copper and copper alloys

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** none

**Specific end use(s)** No further relevant information available

## 8.- EXPOSURE CONTROLS AND PERSONAL PROTECTION MEASURES

**Additional information about design of technical facilities:**

No further data; see item 7.

**Control parameters for Protect Prim or Protect Comp. A:**

**Exposure limit values:**

**111-90-0 2-(2-Ethoxyethoxy)ethanol**

WEL Short-term value: 100\* mg/m<sup>3</sup>

Long-term value: 50\* mg/m<sup>3</sup>

\* see item 9.

**Additional information:**

The lists valid during the making were used as basis for the drafting of this document.

**Control parameters for Protect Comp. B:**

**Exposure limit values:**

**123-86-4 n-Butyl acetate**

WEL Short-term value: 965 mg/m<sup>3</sup>, 200 ppm

Long-term value: 724 mg/m<sup>3</sup>, 150 ppm

**822-06-0 Hexamethylene diisocyanate**

WEL Long-term value 0,035 mg/m<sup>3</sup>, 0,005 ppm

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**Additional information:**

The lists valid during the making were used as basis for the drafting of this document.

**Exposure controls**

**Occupational exposure controls:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

Do not eat, drink or smoke while working.

**Respiratory protection:**

Protect Prim or Comp. A: not required.

Protect Comp. B: In case of brief or low intensity exposure use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.



**Protection of hands:** protection gloves.

**Material of gloves**

Butyl rubber

Nitrile rubber

**Eye protection:**

The use of protective goggles is recommended during product transfer.

**Body protection:**

Protective work clothing

## 9.- PHYSICAL AND CHEMICAL PROPERTIES

### PROTECT PRIM:

#### Información sobre aspecto y propiedades físicas y químicas básicas

- Form: Fluid.
- Colour: Whitish
- Odour: Characteristic.
- Odour threshold: Not determined.
- pH value at 20 °C: 6.5
- Melting point / Melting range: Undetermined.
- Boiling point/Boiling range: Undetermined.
- Flash point: > 61 °C (DIN ISO 2592)
- Flammability (solid, gas): Not applicable.
- Decomposition temperature: Not determined.
- Self-igniting: Product is not self-igniting.
- Danger of explosion: Product is not explosive.
- Explosion limits:
  - Lower: 1.2 Vol % (DIN 51649)
  - Upper: 11.6 Vol % (DIN 51649)
- Fire promoting properties: Not determined.
- Vapour pressure: Not determined.
- Density at 20 °C: 1.04 g/cm<sup>3</sup> (DIN 51757)
- Bulk density: Not applicable.
- Relative density: Not determined.
- Vapour density: Not determined.
- Evaporation rate: Not determined.
- Solubility in / Miscibility with water: Fully miscible
- Segregation coefficient (n-octanol/water): Not determined
- Viscosity:
  - Dynamic: Not determined.
  - Kinematic at 20 °C: 20 s (ISO 4mm)

- Solution media separation test: Not applicable
- Liquid components:
  - Organic solvents: 11 %
  - EU-VOC 11.00 %
- Additional information: No further relevant information available

**PROTECT COMP. A:**

**Information on basic physical and chemical properties**

- Form: Fluid.
- Colour: Whitish.
- Odour: Characteristic.
- Odour threshold: Not determined.
- pH value at 20 °C: 8
- Melting point / Melting range: Undetermined.
- Boiling point/Boiling range: Undetermined.
- Flash point: > 61 °C (DIN ISO 2592)
- Flammability (solid, gas): Not applicable.
- Decomposition temperature: Not determined.
- Self-igniting: Product is not self-igniting.
- Danger of explosion: Product is not explosive.
- Explosion limits:
  - Lower: Not determined
  - Upper: Not determined
- Fire promoting properties: Not determined.
- Vapour pressure: Not determined.
- Density at 20 °C: 1.033 g/cm<sup>3</sup> (DIN 51757)
- Bulk density: Not applicable.
- Relative density: Not determined.
- Vapour density: Not determined.
- Evaporation rate: Not determined.
- Solubility in / Miscibility with water: Fully miscible
- Segregation coefficient (n-octanol/water): Not determined
- Viscosity:
  - Dynamic: Not determined.
  - Kinematic at 20 °C: 20 s (DIN 53211/4)
- Solution media separation test: Not applicable

- Liquid components:
  - Organic solvents: 8.0 %
  - EU-VOC 11.00 %
- Additional information: No further relevant information available

**PROTECT COMP. B:**

**Information on basic physical and chemical properties**

- Form: Fluid.
- Colour: Colourless
- Odour: Ester-like.
- Odour threshold: Not determined.
- pH value at 20 °C: Not determined.
- Melting point / Melting range: Undetermined.
- Boiling point / Boiling range: Undetermined.
- Flash point: > 61 °C (DIN ISO 2592)
- Flammability (solid, gas): Not applicable.
- Decomposition temperature: Not determined.
- Self-igniting: Product is not selfigniting.
- Danger of explosion: Product is not explosive.
- Explosion limits:
  - Lower: Not determined
  - Upper: Not determined
- Fire promoting properties: Not determined.
- Vapour pressure: Not determined.
- Density at 20 °C: 1.091 g/cm<sup>3</sup> (DIN 51757)
- Bulk density: Not applicable.
- Relative density: Not determined.
- Vapour density: Not determined.
- Evaporation rate: Not determined.
- Solubility in / Miscibility with water: Fully miscible
- Segregation coefficient (n-octanol/water): Not determined
- Viscosity:
  - Dynamic: Not determined.
  - Kinematic at 20 °C: 73 s (DIN 53211/4)
- Solution media separation test: Not applicable
- Liquid components:
  - EU-VOC 25.00 %

- Additional information: No further relevant information available

## 10.- STABILITY AND REACTIVITY

### Reactivity

#### Chemical stability

#### Thermal decomposition / conditions to avoid:

No decomposition if used and stored according to specifications

#### Possibility of hazardous reactions:

##### Protect Comp. B:

Can react violently with oxygen rich material (comburent). Danger of explosion.

Corrodes copper and brass.

Exothermic reaction with amines and alcohols. In contact with water it releases CO<sub>2</sub>; in closed containers it builds-up pressure (danger of explosion)

##### Protect Prim or Comp. A:

No dangerous reactions known.

**Conditions to avoid:** No further relevant information available.

**Incompatible materials:** No further relevant information available.

#### Hazardous decomposition products:

No hazardous decomposition products are known.

## 11.- TOXICOLOGICAL INFORMATION

### PROTECT PRIM OR COMP. A:

#### Information on toxicological effects

##### Acute toxicity:

**LD/LC50 values (lethal dose/lethal concentration = 50%) relevant for classification:**

**111-90-0 2-(2-Ethoxyethoxy)ethanol**

Type	Value	Species
Oral LD50	5500 mg/kg	Rat
Dermal LD50	6000 mg/kg	Rat

##### Primary irritant effect:

**On the skin:** not irritant.

**On the eye:** irritant.

**Sensitization:** No sensitizing effect known.

##### Additional toxicological information:

In accordance with the calculation procedure in the latest version of the General EU Classification for Preparations, the product does not require labelling.

### PROTECT COMP. B:

#### Information on toxicological effects

##### Acute toxicity:

##### Primary irritant effect:

**On the skin:** Irritant to skin and mucous membranes.

**On the eye:** Irritant.

**Sensitization:** May cause sensitization by skin contact..

##### Additional toxicological information:

The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:

Harmful

## 12.- ECOLOGICAL INFORMATION

### **Toxicity**

**Aquatic toxicity:** No further relevant information available.

### **Persistence and degradability**

Protect Prim or Protect Comp. A: No further relevant information available.

Protect Comp. B: The solvent is biodegradable

### **Behaviour in environmental systems:**

**Bio-accumulative potential:** No further relevant information available.

**Mobility in soil:** No further relevant information available.

### **Additional ecological information:**

#### **General notes:**

Do not allow product to reach ground water, water course or sewage system.

#### **Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**Other adverse effects** No further relevant information available.

## 13.- DISPOSAL CONSIDERATIONS

### **PROTECT PRIM OR PROTECT COMP. A:**

#### **Recommendation:**

The product must be specially treated adhering to official regulations

Do not allow product to reach sewage system.

#### **European waste catalogue:**

08 01 12 Waste paint and varnish other than those mentioned in 08 01 11.

08 01 20 Aqueous suspensions containing paint or varnish other than those mentioned in 08 01 19.

#### **Uncleaned packaging**

**Recommendation:** Non contaminated packaging can be used for recycling.

### **PROTECT COMP. B:**

#### **Waste treatment methods**

##### **Recommendation:**

The product must be specially treated adhering to official regulations

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

##### **European waste catalogue:**

08 01 11\* Waste paint and varnish containing organic solvents or other dangerous substances

08 05 01\* waste isocyanates

#### **Uncleaned packaging**

##### **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

**14.- TRANSPORT INFORMATION**

ADR	Not dangerous product
ADNR	Not dangerous product
RID	Not dangerous product
IATA	Not dangerous product
IMDG	Not dangerous product

**15.- REGULATORY INFORMATION****Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

**16.- OTHER INFORMATIONS**

The information provided in this safety data sheet is based in our present knowledge and the national and E.U. legislation currently in force. The user working conditions are neither under our control nor under our knowledge.

The user is responsible for ensuring that the product is suitable for the intended application and that it is used adequately. The user is always responsible for complying with the requirements established in the applicable legislation.

The information contained in this safety data sheet only constitutes a safety requirement guide and it shall not be considered as a guarantee of the product properties.

## Relevant phrases

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H330 Fatal if inhaled.

H331 Toxic if inhaled.

H332 Harmful if inhaled.

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H411 Toxic to aquatic life with long lasting effects.

R10 Flammable.

R20 Harmful by inhalation.

R20/22 Harmful by inhalation and if swallowed

R23 Toxic by inhalation.

R34 Causes burns.

R36 Irritating to eyes

R36/38 Irritating to eyes and skin

R36/37/38 Irritating to eyes, respiratory system and skin

R37 Irritating to respiratory system.

R38 Irritating to skin.

R41 Risk of serious damage to eyes.

R42/43 May cause sensitisation by inhalation and skin contact.

R43 May cause sensitisation by skin contact.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R66 Repeated exposure may cause skin dryness or cracking.

R67 Vapours may cause drowsiness and dizziness.