

SAFETY DATA SHEET

According to Commission Regulation (EU) № 2015/830 of 28 May 2015

SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Name of substance/mixture:

weber 460P

Adhesive and Embedding Mortar

1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use:

Powder adhesive mixture used for gluing and embedding of facade thermo insulating plates of expanded or extruded polystyrol (EPS-F and XPS) and mineral wool.

Uses advised against: No information available.

1.3. Details of the supplier of the safety data sheet

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1.4. Emergency telephone number:

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SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

2.1.1. Substance: N/A.

2.1.2. Mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315

Skin Sens. 1 H317

Eye Dam. 1 H318

STOT SE 3 H335




2.2. Label elements

2.2.1. Labelling according to Regulation (EC) No 1272/2008

For the wording of the listed hazard phrases refer to section 16.

Signal word: DANGER

Hazard pictograms:

GHS05	GHS08	GHS07
		

Hazard statements:

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H372: Causes damage to organs (lungs) through prolonged or repeated exposure

H335: May cause respiratory irritation

Precautionary statements:

P260 Do not breathe dust/fume/gas/mist/vapours/spray.

P270: Do not eat, drink or smoke when using this product

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P302 + P352 IF ON SKIN: Wash with plenty of soap and water..

P362 + P364 Take off contaminated clothing and wash it before.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310: Immediately call a POISON CENTER or doctor/physician.

P333 + P313 If skin irritation or rash occurs: Get medical advice/attention.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container according national regulations.

2.3. Other hazards:

Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances: Information not relevant.

3.2. Mixtures

Compounds	CAS №	EC/ List №	Reg. number of REACH	Ranges of percentages by mass %	Classification in accordance with Regulation 1272/2008 [CLP]
Quartz sand	14808-60-7	238-878-4	exemption, Annex V of the REACH Regulation, entry 7	55-65	STOT RE 1 H372
Portland cement	65997-15-1	266-043-4	exemption, Annex V of the REACH Regulation, entry 7	20-30	Skin Irrit. 2 H315; Skin Sens. 1B H317; Eye Dam. 1 H318; STOT SE 3 H335
Calcium carbonate (limestone)	1317-65-3	215-279-6	exemption, Annex V of the REACH Regulation, entry 7	10-20	Skin Irrit. 2 H315; Eye Dam. 1 H318; STOT SE 3 H335
Calcium dihydroxide	1305-62-0	215-137-3	01- 2119475325- 36-0100	0-3	Skin Irrit. 2 H315; Eye Dam. 1 H318; STOT SE 3 H335
Furnace powder from production of cement clinker	68475-76-3	270-659-9	01- 2119486767- 17-XXXX	0-2	Skin Irrit. 2 H315; Skin Sens. 1B H317; Eye Dam. 1 H318; STOT SE 3 H335

The soluble chromium Cr (VI) content is less than 0.0002% of the total dry weight of cement.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures:



General information:

Do not breathe dust/fume/gas/mist/vapours/spray.

In case of an accident, seek medical advice immediately and show the product label / package.

4.1.1. After inhalation:

Supply fresh air and to be sure call for a doctor.

In case of unconsciousness place patient stably in side position for transportation

4.1.2. After swallowing:

Call a doctor immediately.

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

4.1.3. After skin contact:

Seek immediate medical advice.

Immediately rinse with water.

Remove contaminated gloves, clothing, footwear or other items and wash thoroughly before re-use.

4.1.4 After eye contact:

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

4.2. Most important symptoms and effects, both acute and delayed

Burns

Allergic reactions

Irritation of the skin

Irritation of the eye tissue, watery eyes

4.3. Indication of any immediate medical attention and special treatment needed

In case of seeking medical advice show the Safety Data Sheet or product label / package.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing agents are CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

The product is non-flammable and non-explosive and will not facilitate or support the combustion of other materials.

5.3. Advice for firefighters

Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin and eyes.

Use respiratory protective device against the effects of fumes/dust/aerosol.

6.2. Environmental precautions

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

Do not allow to penetrate the ground/soil.

6.3. Methods and material for containment and cleaning up

Absorb liquid components with liquid-binding material.

Dispose of the material collected according to regulations.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

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 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Avoid contact with skin and eyes.

Do not breath vapours.

Prevent formation of aerosols.

Information about fire - and explosion protection: Keep respiratory protective device available.

7.2. Conditions for safe storage, including any incompatibilities Storage

Insure sufficient ventilation for storage and work areas.

Store only in unopened original receptacles.

Store receptacle in a well ventilated area.

Store away from foodstuffs.

Store away from kids.

7.3. SPECIFIC END USE(S):

No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

National limit values:

TLV TWA - TLV STEL- VLE 8h- VLE short:

Occupational exposure limit values:

Limit values of chemical agents in the air of the working environment according to Regulation № 13 of 30 December 2003 on the protection of workers from the risks associated with exposure to chemical agents at work:

Component	CAS №	EC №	Limit values – 8 hours, mg/m ³	Limit values – 15 min., mg/m ³	Behaviour Note
Cement powder containing less than 2% free crystalline silica in the respirable fraction. Inhalation fraction	-	-	8,0	-	
Silicon dioxide free crystalline (quartz, tridymite, cristobalite) and quartz glass Respirable fraction	-	-	0,07	-	Irritant, fibrogenic effect
Calcium carbonate (limestone)	1317-65-3	215-279-6	10,0	-	
Calcium dihydroxide	1305-62-0	215-137-3	1,0 (Respirable fraction)	4,0 (Respirable fraction)	

8.2. Exposure controls

8.2.1. Appropriate engineering controls:

Provide a local dust extraction system or general ventilation of the premises to minimize exposure to dust emissions.

8.2.2. Individual protection measures, such as personal protective equipment:



Keep away from foodstuffs, beverages and feed.
 Immediately remove all soiled and contaminated clothing.
 Store protective clothing separately.
 Wash hands before breaks and at the end of work.
 Avoid contact with the eyes and skin.

a) Respiratory protection:

Use suitable respiratory protective device in case of insufficient ventilation.
 In case of brief exposure or low pollution use respiratory filter device.

b) Hand protection

Use protective gloves suitable for working with cement products-impermeable, abrasive and alkali resistant gloves.

c) Eye/face protection:

Protective eyewear.

d) Skin protection:

Protective work clothing. Avoid contact with skin.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Powder
Colour	Grey
Odour	Specific
Odour threshold	Not available

pH(20° C, water solution)	~12.5
Melting point / freezing point	Not available
Boiling point	Not available
Flash point	Not available
Evaporation Rate	Not available
Flammability of solids and gases	Not available
Lower/Upper inflammability / explosive limit	Not available
Vapour pressure (25°C)	Not available
Vapour density	Not available
Relative density	1.4 – 1.5 kg/m ³
Solubility (25°C)	Partly in water
Partition coefficient n-octanol/water (log value)	Not available
Ignition temperature	Not available
Viscosity	Not available
Explosive properties	No
Oxidising properties	No

9.2. Other information

Not available.

SECTION 10. STABILITY AND REACTIVITY.

10.1. Reactivity

Not reactive under normal conditions of use.

10.2. Chemical stability

Stable at recommended storage conditions.

10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

10.4. Conditions to avoid

Impact of moisture. Humid conditions during storage can cause lumps and loss of product quality.

10.5. Incompatible materials

Information not available.

10.6. Hazardous decomposition products

The product does not decompose into hazardous products.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects:

11.1.1 Substances: Not available

11.1.2. Mixtures

Acute toxicity

The mixture is not classified as acutely toxic according Regulation (EC) № 1272/2008, because LD 50 (Oral) and LD 50 (Dermal) is more than 5000 mg/kg body weight.

Skin corrosion/irritation

According Regulation (EC) № 1272/2008 and based on available data the mixture is classified as skin irritant cat. 2 (H315: Causes skin irritation).

Serious eye damage/irritation

According Regulation (EC) № 1272/2008 and based on available data the mixture is classified as seriously damaging the eyes cat. 1 (H318: Causes serious eye damage).

Respiratory or skin sensitization

According Regulation (EC) № 1272/2008 and based on available data the mixture is classified as cat. 1B (H317: May cause an allergic skin reaction).

Germ cell mutagenicity

Based on available data, the classification criteria are not met

STOT-single exposure

The mixture meets the criteria for classification as specific toxicity to certain organs (lungs, bronchi) after a single inhalation exposure, cat. 3 (STOT SE 3), H335.

STOT-repeated exposure

The mixture meets the criteria for classification as specific toxicity to certain organs (lungs) - repeated exposure by inhalation, cat. 1 (STOT RE 1), H372.

Aspiration hazard

Based on available data, the classification criteria are not met.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

The product does not meet the criteria according to Regulation (EC) № 1272/2008 (CLP) for classification as dangerous for the environment.

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

Information not available.

12.4. Mobility in soil

No further relevant information available.

12.5. Results of PBT and vPvB assessment

PBT: Does not contain PBT substances.

vPvB: Does not contain vPvB substances.

12.6. Other adverse effects

Information not available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Dispose of the product in accordance with national and local regulations.

13.2 European waste catalogue

According European waste catalogue and Regulation№2 for waste classification:

Code	Waste name
10 13	Wastes from cement, lime, gypsum and articles made from them

17 09 04	Mixed wastes from construction and demolition, other than those mentioned in 17 09 01, 17 09 02 and 17 09 03
15 01 01	Packaging made of paper and cardboard

13.3 Uncleaned packaging

Only cleaned packaging can be recycled.

SECTION 14: TRANSPORT INFORMATION

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

SECTION 15: REGULATORY INFORMATION

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

Seveso category.

None.

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006.

None.

Substances in Candidate List (Art. 59 REACH).

None.

Substances subject to authorisation (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Healthcare controls.

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

15.2. Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

SECTION 16: OTHER INFORMATION

16.1 Used abbreviations

Abbreviations	Description of abbreviations used
ADN	<i>Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures (European agreement concerning the international carriage of dangerous goods by inland waterways)</i>
ADR	<i>Accord européen relatif au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</i>
CAS	Chemical Abstracts Service
CLP	<i>Regulation (EC) № 1272/2008 on Classification, Labelling and Packaging</i>
DGR	<i>Dangerous Goods Regulations (see IATA/DGR)</i>
Eye Dam.	<i>Serious Eye Damage</i>
IATA	<i>International Air Transport Association</i>
IATA/DGR	<i>Dangerous Goods Regulations (DGR) for the air transport (IATA)</i>
ICAO	<i>International Civil Aviation Organization</i>
IUPAC	<i>International Union of Pure and Applied Chemistry</i>
IMDG	<i>International Maritime Dangerous Goods Code</i>
LD50	<i>lethal dose, 50%</i>
MARPOL	<i>The International Convention for the Prevention of Pollution from Ships</i>
REACH	<i>Registration, Evaluation, Authorisation and Restriction of Chemicals</i>
RID	<i>Regulations Concerning the International Transport of Dangerous Goods by Rail</i>
Skin Irrit.	<i>Skin irritation</i>
Skin Sens.	<i>Skin sensitisation</i>
STOT SE	<i>Specific target organ toxicity – single exposure</i>
STOT RE	<i>Specific target organ toxicity – repeated exposure</i>
TLV TWA	<i>Threshold limit value - time-weighted average</i>
TLV STEL	<i>Threshold limit value - short-term exposure limits</i>
vPvB	<i>very Persistent and very Bioaccumulative</i>
EO №	<i>The EC list (EINECS, ELINCS and NLP list) is the source for the seven-digit EC number, the identifier of substances in the intra-EU trade network (European Union)</i>

GENERAL BIBLIOGRAPHY

- Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006
- Regulation (EO) № 1272/2008 (CLP, EC GHS)

16.2 Relevant phrases

H315: Causes skin irritation

H318: Causes serious eye damage

H317: May cause an allergic skin reaction

H372: Causes damage to organs (lungs) through prolonged or repeated exposure

H335: May cause respiratory irritation.

16.3 Last change to the safety data sheet

First edition (Version 1.0) – 28.11.2007

Second edition (Version 2.0) – 20.12.2010

The information in this safety data sheet corresponds to the good faith presentation of our experience at the time of printing. The information should provide basic guidelines for the safe handling of this product listed in the SDS, regarding its storage, processing, transport and disposal. The data cannot be applied to other products. If the product is mixed or processed with other materials, or if it is subjected to treatment, the data in this safety data sheet may not be applied to the new material unless explicitly stated otherwise.