

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 18.08.2017

Revision: 18.08.2017

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1. Product identifier

Trade name **Weber Renovate Adhesive White**

Safety data sheet no.: XXP013804

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

No further relevant information available.

**Application of the substance / the mixture** Construction chemicals

### 3. Details of the supplier of the safety data sheet

**Manufacturer/Supplier:**

WEBER TYLON

SAINT-GOBAIN WEBER SOUTH AFRICA (Pty) Ltd

1 Shale Road, N1 Business Park, Intersection of Old Johannesburg Road and Tlokwa Street,

Kosmosdal X7, Centurion, South Africa

PO Box 50416, Randjiesfontein, 1683

SOUTH AFRICA

**1.4 Emergency telephone number:** +27(11)6178500

## SECTION 2: Hazards identification

### 1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



corrosion

Eye Dam. 1 H318 Causes serious eye damage.



Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335 May cause respiratory irritation.

### 2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

#### Hazard pictograms



GHS05 GHS07

**Signal word** Danger

#### Hazard-determining components of labelling:

cement, portland, white

calcium diformate

#### Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

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H335 May cause respiratory irritation.

**Precautionary statements**

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- 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/doctor.
- P362 Take off contaminated clothing.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P501 Dispose of contents/container in accordance with local/regional/national/international 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**

**3.2 Chemical characterisation: Mixtures**

**Description:** Mixture of substances listed below with non hazardous additions.

**Dangerous components:**

CAS: 65997-15-1	cement, portland, white	25 - 50%
	☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 544-17-2	calcium diformate	2 - 5%
EINECS: 208-863-7	☠ Eye Dam. 1, H318	

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

**SECTION 4: First aid measures**

**1. Description of first aid measures**

**General information** Immediately remove any clothing soiled by the product.

**After inhalation** Supply fresh air; consult doctor in case of complaints.

**After skin contact** Immediately rinse with water.

**After eye contact**

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

**After swallowing** If symptoms persist consult doctor.

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

No further relevant information available.

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

If swallowed, gastric irrigation with added, activated carbon.

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### **SECTION 5: Firefighting measures**

**1. Extinguishing media****Suitable extinguishing agents**

Use fire extinguishing methods suitable to surrounding conditions.

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

No further relevant information available.

**3. Advice for firefighters**

**Protective equipment:** No special measures required.

### **SECTION 6: Accidental release measures**

**1. Personal precautions, protective equipment and emergency procedures** Not required.

**2. Environmental precautions:** No special measures required.

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

Use neutralising agent.

Dispose of contaminated material as waste according to item 13.

Ensure adequate ventilation.

**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**

**1. Precautions for safe handling**

Thorough dedusting.

Keep receptacles tightly sealed.

Provide suction extractors if dust is formed.

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

**2. Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and receptacles:**

Store only in unopened original receptacles.

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

**Further information about storage conditions:** None.

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

### **SECTION 8: Exposure controls/personal protection**

**Additional information about design of technical facilities:** No further data; see item 7.

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**8.1 Control parameters**

**Ingredients with limit values that require monitoring at the workplace:**

**DNELs**

**544-17-2 calcium diformate**

Oral	Derived No Effect Level	23,9 mg/kgxday (consumer systemic long therm value)	
Dermal	Derived No Effect Level	4780 mg/kgxday (worker systemic long therm value)	
		4780 mg/kgxday (worker systemic short therm value)	
		2390 mg/kgxday (consumer systemic long therm value)	
		2390 mg/kgxday (consumer systemic short therm value)	
	Derived No Effect Level		16,7 mg/cm <sup>2</sup> (worker local short term value)
			16,7 mg/cm <sup>2</sup> (worker local long therm value)
			8,3 mg/cm <sup>2</sup> (consumer local long therm value)
			8,3 mg/cm <sup>2</sup> (consumer local short therm value)
Inhalative	Derived No Effect Level	337 mg/m <sup>3</sup> (worker systemic long therm value)	
		337 mg/m <sup>3</sup> (worker systemic short therm value)	
		83,2 mg/m <sup>3</sup> (consumer systemic long therm value)	
		83,2 mg/m <sup>3</sup> (consumer systemic short therm value)	

**PNECs**

**544-17-2 calcium diformate**

Predicted No Effect Concentration	1,5 mg/kgxdwt (earth ratig factor)
	13,4 mg/kgxdwt (sediment distribution balance)
	1,34 mg/kgxdwt (sea water distribution balance)
Predicted No Effect Concentration	2,21 mg/l (earth ratig factor)
	0,2 mg/l (sea water rating factor)
	2 mg/l (fresh water rating factor)

**Additional information:**

The applicable TRGS 900 (MAK list) was used as the basis for the preparation and/or revision of this safety data sheet.

**8.2 Exposure controls Personal protective equipment:**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.  
 Keep away from foodstuffs, beverages and feed.  
 Immediately remove all soiled and contaminated clothing.  
 Wash hands before breaks and at the end of work.  
 Avoid contact with the eyes and skin.  
 Use a moisturising skin cream after processing the product.

**Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device.  
 In case of intensive or longer exposure use self-contained respiratory protective device.

**Protection of hands:** Protective gloves.

**Eye protection:** Tightly sealed goggles

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**Body protection:** Protective work clothing.

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

**Appearance:**

<b>Form:</b>	Powder
<b>Colour:</b>	White
<b>Odour:</b>	Odourless
<b>Odour threshold:</b>	Not determined.

**pH-value:** Not applicable.

**Change in condition**

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

**Flash point:** Not applicable

**Flammability (solid, gaseous):** Product is not flammable.

**Ignition temperature:** 450 °C (DIN 51794)

**Decomposition temperature:** Not determined.

**Self-igniting:** Product is not selfigniting.

**Danger of explosion:** Product does not present an explosion hazard.

<b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.

**Oxidising properties** Not determined.

**Vapour pressure:** Not applicable.

<b>Density:</b>	Not applicable.
<b>Relative density</b>	Not determined.
<b>Vapour density</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.

**Solubility in / Miscibility with**  
**Water:** Insoluble

**Segregation coefficient (n-octanol/water) log**  
**Pow:** Not determined.

<b>Viscosity:</b>	
<b>dynamic:</b>	Not applicable.
<b>kinematic:</b>	Not applicable.
<b>Solvent content:</b>	
<b>Organic solvents:</b>	0,0 %
<b>Solids content:</b>	100,0 %

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**9.2 Other information**

No further relevant information available.

**SECTION 10: Stability and reactivity**

1. **Reactivity** No further relevant information available.
2. **Chemical stability** Stable at recommended storage conditions  
**Thermal decomposition / Conditions to be avoided:**  
No decomposition if used according to specifications.
3. **Possibility of hazardous reactions**  
Reacts with light alloys in the presence of moisture to form hydrogen
4. **Conditions to avoid** No further relevant information available.
5. **Incompatible materials:** No further relevant information available.
6. **Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

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

**LD/LC50 values relevant for classification:**

Components	Type	Value	Species
<b>1317-65-3 limestone</b>			
Oral	LD50	> 5000 mg/kg	(rat)
<b>544-17-2 calcium diformate</b>			
Oral	LD50	2650 mg/kg	(rat)

**Primary irritant effect:**

<b>Skin corrosion/irritation</b>			
<b>544-17-2 calcium diformate</b>			
Dermal	OECD 404 Acute Dermal Irritation/Corrosion	0 points	(Rabbit Skin - Erytherma/crust)

Causes skin irritation.

<b>Serious eye damage/irritation</b>			
<b>544-17-2 calcium diformate</b>			
Irritation of eyes	OECD 405 Acute Eye Irritation/Corrosion	1,5 points (rabbit edema of conjunctiva) 1,7 points (rabbit iris lesion) 1,9 points (rabbit redening of conjunctive) 1,7 points (rabbit turbidity of Horny skin)	

Causes serious eye damage.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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

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

**STOT-single exposure**

May cause respiratory irritation.

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**STOT-repeated exposure** Based on available data, the classification criteria are not met.

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

## SECTION 12: Ecological information

### 12.1 Toxicity

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

Type of test	Effective concentration	Method	Assessment
<b>1317-65-3 limestone</b>			
LC50/96h	>10000 mg/l	(Oncorhynchus mykiss (rainbow trout))	
EC50/48h	>1000 mg/l	(water flea)	
EC50/72h	>200 mg/l	(alga)	
<b>544-17-2 calcium diformate</b>			
IC50/72h	> 1000 mg/l	(alga)	
LC50/96h	< 1000 mg/l	(fish)	
LC0/48h	1000 mg/l	(orfe)	
LC0/96h	1000 mg/l	(Brachydanio rerio (Zebrabärbling))	
NOEC (21d)	> 1000 mg/l	(water flea)	

**2. Persistence and degradability** No further relevant information available.

**3. Bioaccumulative potential** No further relevant information available.

**Behaviour in environmental systems:**

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

**Ecotoxicological effects:**

**Remark:**

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

**Behaviour in sewage processing plants:**

Type of test	Effective concentration	Method	Assessment
<b>544-17-2 calcium diformate</b>			
EC 50 (3h)	> 10000 mg/l	(activated sludge)	

**Additional ecological information:**

**General notes:**

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

Must not reach sewage water or drainage ditch undiluted or unneutralised.

**5. Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

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

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

**European waste catalogue**

Possible waste code. The concrete waste code depends on the source of the waste.

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**Uncleaned packaging:**

**Recommendation:**

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

**Recommended cleaning agent:** Thoroughly shake out sacks.

**SECTION 14: Transport information**

<b>14.1 UN-Number</b> ADR, ADN, IMDG, IATA	Void
<b>14.2 UN proper shipping name</b> ADR, ADN, IMDG, IATA	Void
<b>14.3 Transport hazard class(es)</b> ADR, ADN, IMDG, IATA Class	Void
<b>14.4 Packing group</b> ADR, IMDG, IATA	Void
<b>14.5 Environmental hazards:</b>	Not applicable.
<b>14.6 Special precautions for user</b>	Not applicable.
<b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
<b>UN "Model Regulation":</b>	Void

**SECTION 15: Regulatory information**

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

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**2. Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

**Department issuing SDS:** R&D Department of Saint-Gobain Weber South Africa (Pty) Ltd

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**Trade name Weber Renovate Adhesive White****Contact:** Weber R&D Manager at 0116178500; [www.weber-tylon.co.za](http://www.weber-tylon.co.za)**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods IATA:

International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO:

International Civil Aviation Organisation

GHS: Globally Harmonised System of Classification and Labelling of Chemicals EINECS:

European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society) DNEL: Derived

No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH) LC50: Lethal

concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very

Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2

Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3