



# SAFETY DATA SHEET

(REACH regulation (EC) n° 1907/2006 - n° 2015/830)

## SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1.1. Product identifier

Product name : 551 PROLIJOINT RESIST BLANC (PARTIE A)  
Product code : 551A.

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

Dual-component silicate-based white joint compound.

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

Registered company name : PAREXGROUP S.A.  
Address : 19, place de la résistance - CS 50053.92445.Issy les Moulineaux Cedex.France.  
Telephone : (33)01.41.17.20.00. Fax : 01.41.17.46.70.  
fds.matiere-fr@parex-group.com  
www.parexlanko.com

### 1.4. Emergency telephone number : +33 (0)1 45 42 59 59.

Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>.

## SECTION 2 : HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

#### In compliance with EC regulation No. 1272/2008 and its amendments.

Skin irritation, Category 2 (Skin Irrit. 2, H315).  
Serious eye damage, Category 1 (Eye Dam. 1, H318).  
Skin sensitisation, Category 1 (Skin Sens. 1, H317).  
Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H335).  
This mixture does not present a physical hazard. Refer to the recommendations regarding the other products present on the site.  
This mixture does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.

### 2.2. Label elements

#### In compliance with EC regulation No. 1272/2008 and its amendments.

Hazard pictograms :



GHS07

GHS05

Signal Word :

DANGER

Product identifiers :

EC 266-043-4 PORTLAND CEMENT  
EC 208-863-7 CALCIUM DIFORMATE

Additional labeling :

Hazard statements :

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

Precautionary statements - Prevention :

P261 Avoid breathing dust.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

Precautionary statements - Response :

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
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 a doctor.  
Precautionary statements - Storage :  
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

### 2.3. Other hazards

In use, may form flammable/explosive dust-air mixture.  
The mixture does not contain substances classified as 'Substances of Very High Concern' (SVHC)  $\geq 0.1\%$  published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>  
The mixture satisfies neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

#### Composition :

Identification	(EC) 1272/2008	Note	%
INDEX: 2212 CAS: 65997-15-1 EC: 266-043-4  PORTLAND CEMENT	GHS07, GHS05 Dgr Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 STOT SE 3, H335	[1]	25 $\leq$ x % < 50
INDEX: 2284 CAS: 544-17-2 EC: 208-863-7  CALCIUM DIFORMATE	GHS05 Dgr Eye Dam. 1, H318		1 $\leq$ x % < 2.5

#### Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available.

CAS: 13463-67-7 EC: 236-675-5	TITANIUM DIOXIDE
CAS: 1344-28-1 EC: 215-691-6	ALUMINA

## SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.  
NEVER induce swallowing by an unconscious person.

### 4.1. Description of first aid measures

#### In the event of exposure by inhalation :

Wash the nose and throat (only if the victim is conscious). Remove the person outdoors to fresh air. In case of respiration trouble, consult a doctor.  
Ensure a supply of fresh air.

#### In the event of splashes or contact with eyes :

Rinse IMMEDIATELY with a large amount of water for at least 15 minutes holding the eyelids open. Make move the eyes in every direction to make sure that all product traces have been removed. Consult an eye doctor.  
Seek medical treatment.

#### In the event of splashes or contact with skin :

Wash immediately with soap and water and rinse well.

#### In the event of swallowing :

Rinse the mouth and then drink abundantly.  
Seek medical treatment.

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

No data available.

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

#### Specific and immediate treatment :

Wash copiously with water.

## SECTION 5 : FIREFIGHTING MEASURES

Non-flammable.

#### 5.1. Extinguishing media

In the event of a fire the protective fire-fighting measures should be adapted to the environment.

#### 5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

#### 5.3. Advice for firefighters

No data available.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

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

Consult the safety measures listed under headings 7 and 8.

##### For non first aid worker

Avoid any contact with the skin and eyes.

Avoid inhaling dust.

If a large quantity has been spilt, evacuate all personnel and only allow intervention by trained operators equipped with safety apparatus.

##### For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

#### 6.2. Environmental precautions

Use drums to dispose of waste recovered in accordance with applicable regulations (see heading 13).

If the product contaminates waterways, rivers or drains, alert the relevant authorities in accordance with statutory procedures

Avoid spilling of powder in large quantities into sewers and waterways.

#### 6.3. Methods and material for containment and cleaning up

Collect product by machine and deposit in suitable container.

#### 6.4. Reference to other sections

For information concerning safe handling see Chapter 7.

For information concernin personal protective equipment see Chapter 8.

For information concerning disposal see Chapter 13.

## SECTION 7 : HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Individuals with a history of skin sensitisation should not, under any circumstance, handle this mixture.

#### 7.1. Precautions for safe handling

Always wash hands after handling.

Remove and wash contaminated clothing before re-using.

Avoid dust formation.

##### Fire prevention :

Handle in well-ventilated areas.

Prevent access by unauthorised personnel.

##### Recommended equipment and procedures :

For personal protection, see section 8.

Observe precautions stated on label and also industrial safety regulations.

Avoid inhaling dust.

Avoid eye contact with this mixture at all times.

##### Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used.

Never open the packages under pressure.

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

No data available.

##### Storage

Keep the container tightly closed in a dry, well-ventilated place.

In damp free conditions.

Keep packaging hermetically sealed.

##### Packaging

Always keep in packaging made of an identical material to the original.

#### 7.3. Specific end use(s)

No data available.

**SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters****Occupational exposure limits :**

- France (INRS - ED984 :2012) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
1344-28-1	-	10	-	-	-	-
13463-67-7	-	10	-	-	-	-

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
65997-15-1	10 mg/m3	-	-	-	-
1344-28-1	10 mg/m3	-	-	-	-
65997-15-1	10 mg/m3	-	-	-	TI
13463-67-7	10 mg/m3	-	-	-	-
65997-15-1	5 mg/m3	-	-	-	I

- Belgium (Order of 19/05/2009, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
65997-15-1	10 mg/m3	-	-	-	-
1344-28-1	10 mg/m3	-	-	-	-
13463-67-7	10 mg/m3	-	-	-	-

- UK / WEL (Workplace exposure limits, EH40/2005, 2007) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
65997-15-1	10 mg/m3	-	-	-	TI
1344-28-1	10 mg/m3	-	-	-	TI
13463-67-7	10 mg/m3	-	-	-	TI

**8.2. Exposure controls****Suitable technical inspections**

- Do not rub the eyes with dirty hands.
- Anyone with a history of skin sensitisation must on no account handle such products.
- Keep away from foodstuffs, beverages and animal feed.
- Immediately remove stained or dampened clothes.
- Wash your hands before each break and at the end of the working day.
- Avoid all contact with eyes and skin

**Personal protection measures, such as personal protective equipment**

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.  
Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

**- Eye / face protection**

- Avoid contact with eyes.
- Before handling powders or dust emission, wear mask goggles in accordance with standard EN166.
- Envisage in the vicinity a clean water container or an ocular fountain in the event of projection in the eyes
- Airtight safety goggles.

**- Hand protection**

- Use suitable protective gloves that are resistant to chemical agents in accordance with standard EN374.
- Type of gloves recommended :
  - Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))
- Protective gloves.
- Choice of the glove material depends on the breakthrough time, permeation and degradation rates.
- After using, wash skin thoroughly.
- Protect your hands by wearing category I work gloves (ref. Directive 89/686/EEC and standard EN 374), namely latex, PVC or other equivalent material. When choosing the material for the work gloves, the following factors should be taken into account: degradation, breakthrough times and permeation. In the case of preparations, the resistance of the work gloves should be tested before use if it cannot be established a priori.
- The exact breakthrough time is determined by the manufacturer of the protective gloves and should be respected.

**- Body protection**

- Avoid skin contact.

Wear suitable protective clothing.

These clothes shall be chosen to ensure there is no inflammation or irritation of the skin at the neck and wrist by contact with the powder

Suitable type of protective clothing :

Wear protective clothing against solid chemicals and particles suspended in the air (type 5) in accordance with standard EN13982-1 to prevent skin contact.

Work clothing worn by personnel shall be laundered regularly.

After contact with the product, all parts of the body that have been soiled must be washed.

Closed working clothes protecting forearms in continuous with gloves. In case of kneeling work, waterproof kneepads are recommended.

Protective "barrier" creams can be used. Avoid prolonged contact. Ensure that no product remains between the skin and the clothes, the watch, the shoes.

#### - Respiratory protection

Avoid breathing dust.

If the ventilation is insufficient, wear appropriate breathing apparatus.

When workers are confronted with concentrations that are above occupational exposure limits, they must wear a suitable, approved, respiratory protection device.

Type of FFP mask :

Wear a disposable half-mask dust filter in accordance with standard EN149.

In the event of low or short-term exposure, respirator filter; in the event of intense or long-lasting exposure, use a respirator independent of the ambient atmosphere.

#### - Thermal risks

The substance shows no thermal hazard.

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General information :

Physical state :	Powder or dust.
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#### Important health, safety and environmental information

pH :	Not stated.
	Strongly basic.
Boiling point/boiling range :	Not relevant.
Flash point interval :	Not relevant.
Vapour pressure (50°C) :	Not relevant.
Density :	> 1
Water solubility :	Insoluble.
Melting point/melting range :	Not relevant.
Self-ignition temperature :	Not relevant.
Decomposition point/decomposition range :	Not relevant.

### 9.2. Other information

No data available.

## SECTION 10 : STABILITY AND REACTIVITY

### 10.1. Reactivity

No data available.

### 10.2. Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

No decomposition if used as intended.

### 10.3. Possibility of hazardous reactions

No hazardous reaction known.

### 10.4. Conditions to avoid

Avoid :

- humidity

### 10.5. Incompatible materials

No data available.

### 10.6. Hazardous decomposition products

No decomposition if used as intended.

## SECTION 11 : TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

May cause irreversible damage to the skin; namely inflammation of the skin or the formation of erythema and eschar or oedema following exposure up to four hours.

May have irreversible effects on the eyes, such as tissue damage in the eye, or serious physical decay of sight, which is not fully reversible by the end of observation at 21 days.

Serious eye damage is typified by the destruction of cornea, persistent corneal opacity and iritis.

Respiratory tract irritation may occur, together with symptoms such as coughing, choking and breathing difficulties.

May cause an allergic reaction by skin contact.

#### 11.1.1. Substances

##### Skin corrosion/skin irritation :

Irritant for the skin and mucous membranes.

##### Serious damage to eyes/eye irritation :

Strongly irritant and may cause a serious eye affection.

#### 11.1.2. Mixture

##### Skin corrosion/skin irritation :

In case of damp skin, the partial hydration of cement increases the pH and can irritate the skin. A prolonged contact with a cement paste can induce skin burning.

##### Serious damage to eyes/eye irritation :

The cement can induce eyelids irritation (blepharite), corneal irritation (conjunctivitis) and create eyeball injury.

##### Respiratory or skin sensitisation :

The cement can induce irritation of the breathing passage and a nasal mucous inflammation. In extreme case, mucous erosion has been observed.

Prolonged exposure without proper protection (gloves) can cause irritation of dermatitis. In subjects prone to allergies, these lesions may precede an allergy to certain elements present in trace amounts in the cement. Other lesions may be encountered when contact prolonged unprotected.

They usually appear on fingers fissural dermatitis, ulcers, kyperkératoses.

May cause allergic skin reaction.

##### Other information

If swallowed significant, cement is caustic to the digestive tract, may cause burns of the mouth, esophagus and stomach.

## SECTION 12 : ECOLOGICAL INFORMATION

N/A

### 12.1. Toxicity

#### 12.1.2. Mixtures

The product must not be allowed to run into drains or waterways.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative potential

none.

### 12.4. Mobility in soil

none.

Water hazard class 1 (self-assessment): slightly hazardous

### 12.5. Results of PBT and vPvB assessment

No data available.

### 12.6. Other adverse effects

No data available.

## SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

### 13.1. Waste treatment methods

Do not pour into drains or waterways.

After curing, the mortar can be removed like other construction debris and stored in landfills in accordance with appropriate regulations.

##### Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

##### Soiled packaging :

Empty container completely. Keep label(s) on container.  
Give to a certified disposal contractor.

## SECTION 14 : TRANSPORT INFORMATION

Exempt from transport classification and labelling.

### 14.1. UN number

-

### 14.2. UN proper shipping name

-

### 14.3. Transport hazard class(es)

-

### 14.4. Packing group

-

### 14.5. Environmental hazards

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### 14.6. Special precautions for user

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## SECTION 15 : REGULATORY INFORMATION

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

#### - Classification and labelling information included in section 2:

The following regulations have been used:

- EU Regulation No. 1272/2008 amended by EU Regulation No. 487/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 758/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 944/2013.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 605/2014.
- EU Regulation No. 1272/2008 amended by EU Regulation No. 1297/2014.

#### - Container information:

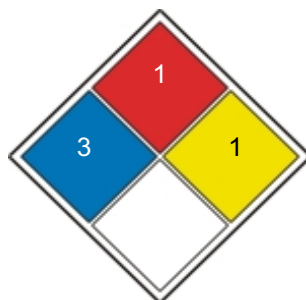
No data available.

#### - Particular provisions :

No data available.

#### - Standardised American system for the identification of hazards presented by the product in view of emergency procedures (NFPA 704) :

NFPA 704, Labelling: Health=3 Inflammability=1 Instability/Reactivity=1 Specific Risk=none



### 15.2. Chemical safety assessment

A chemical safety assessment has not been carried out.

## SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Wording of the phrases mentioned in section 3 :

H315	Causes skin irritation.
H317	May cause an allergic skin reaction.

H318	Causes serious eye damage.
H335	May cause respiratory irritation.

**Abbreviations :**

ADR : European agreement concerning the international carriage of dangerous goods by Road.

IMDG : International Maritime Dangerous Goods.

IATA : International Air Transport Association.

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail.

GHS05 : Corrosion

GHS07 : Exclamation mark

PBT: Persistent, bioaccumulable and toxic.

vPvB : Very persistent, very bioaccumulable.

SVHC : Substances of very high concern.