

Section 1 Identification of the substance or mixture and of the company**1.1 Product names**

PrimaTape

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

Cement impregnated fabric which is immersed in water and wrapped around pipes to protect against impact.

1.3 Details of the supplier providing the safety data sheet manufacturer/supplierZaco GmbH
Sporbecker Weg 10
D-58089 Hagen
Phone: +49 2331 78 75 245
Email: info@zaco-gmbh.de**Section 2 Possible hazards****2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**GHS05 Hazard
Eye Dam. 1 H318 Causes severe eye damage.GHS07 Warning
Skin Irrit. 2 H315 Causes skin irritation.
STOT SE 3 H335 May cause respiratory irritation.**2.2 Marking elements in accordance with regulation (EC) No 1272/2008**

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

Hazard**pictograms****Signal word**

GHS05 Hazard



GHS07 Warning

Hazard-determining components of labelling:

Portland cement (low chromate)

Hazard warningsH315 Causes skin irritation.
H318 Causes severe eye damage.
H335 May cause respiratory irritation.

Safety instructions

P101	If medical advice is required, keep packaging or label ready.
P102	Keep out of the reach of children.
P103	Read identification label before use.
P260	Do not inhale dust.
P262	Do not allow contact with eyes, skin or clothing.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338+P313	When exposed to eyes: Gently rinse with water for several minutes. Remove existing contact lenses if possible. Continue rinsing.
P310	Call a POISON CENTER or doctor immediately.
P362	Remove contaminated clothing and wash before wearing again.
P302+P352	WHEN EXPOSED TO THE SKIN: Wash with plenty of soap and water.
P501	Disposal of the contents / container in accordance with the local / -regional / -national / -international regulations

2.3 Other hazards

The results of the PBT and vPvP assessment are not applicable.

Section 3 Composition / information on components**3.1 Substances**

The products are mixtures.

3.2 Mixture

CAS No:	65997-15-1	Portland cement (low chromate)
EINECS No:	266-043-4	Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335

Additional note:

The wording of the listed hazard statements can be found in Section 16.

Section 4 First aid measures**4.1 Description of first aid measures**

General information:	No special measures required.
After inhalation:	Fresh air supply, consult doctor in case of complaints.
After skin contact:	Remove contaminated clothing. Immediately wash with Water and soap and rinse thoroughly. In case of complaints consult a doctor.
Eye contact:	Do not rub eyes dry. If applicable remove contact lenses. Rinse eyes under running water for at least 15 minutes with the eyelids open. If symptoms persist, consult a doctor.
After swallowing:	Rinse mouth immediately with plenty of water. Then drink plenty of water in small sips. Do not induce vomiting. In case of complaints consult a doctor.

4.2 Main acute and delayed symptoms and effects

Eyes:	Possible permanent eye damage.
Skin:	Irritating effect due to prolonged contact with moist skin.
Respiratory tract:	Repeated inhalation of large quantities may cause lung damage.

4.3 Information on immediate medical help or special treatment

In case of eye contact and if swallowed, always consult an ophthalmologist or doctor.

Section 5 Fire-fighting measures

5.1 Extinguishing agents

The products are neither flammable nor explosive.
Extinguishing measures must be adapted to the environment.

5.2 Special hazards due to hazards arising from the substance or mixture

There are no known particular hazards.

5.3 Information on fire fighting

No special measures are required.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away. Avoid dust formation.
Ensure adequate ventilation.

6.2 Environmental precautions

Do not allow to enter drains or bodies of water.

6.3 Methods and materials for retention and cleaning

Dry material, for example, can be picked up with an industrial vacuum cleaner. Avoid dust formation. Allow moist material to harden and absorb mechanically.

6.4 Reference to other sections

See section 13 for disposal information.

Section 7 Handling and storage

7.1 Protective measures for safe storage

Carefully open the container and do not leave open. Avoid dust formation. In case of dust formation, provide suction.

Avoid contact with skin, eyes and clothing. Do not eat, drink, smoke or snuff at work. Keep away from food and beverages.

Product must not come into contact with humidity before use. Information on fire and explosion protection: No special measures required.

7.2 Conditions for safe storage under consideration of incompatibilities

Requirements for storage rooms and containers

Information on storage conditions:

Store in cool and dry conditions in original containers.

Information on combined storage:

Store away from food.

Further information on storage conditions:

Store in well closed containers in a cool and dry place. Protect from moisture.

Storage class:

LGK (according to VCI concept): 13 – non-flammable solids

7.3 Specific end applications

GISCODE ZP1 (products containing cement, low chromate)

Section 8 Exposure controls/personal protective equipment

8.1 Parameters to be monitored

CAS No:	65997-15-1	Portland cement (low chromate)
Specification:	AGW	TRGS 900 – Occupational exposure limit value (status 01/2006) 5 E mg/m ³ (DFG)

8.2 Exposure controls/personal protective equipment

General protective and hygienic measures:

Do not eat, drink, smoke or sniff in work areas. Keep away from food, drink and animal feed.

Immediately remove soiled, soaked clothing. Wash hands before breaks and at end of work. Avoid contact with eyes and skin.

After processing the product, use a moisturizing skin cream.

Respiratory protection:

Use respiratory protection if ventilation is inadequate.

In case of short-term or low exposure use respiratory filter device; in case of intensive or prolonged exposure use self-contained breathing apparatus.

Short term: particulate filter according to EN 143 type FFP1

Hand protection:

Protective gloves

The glove material must be impermeable and resistant to the product / -the fabric- / - the mixture. Selection of the glove material considering penetration times, permeation rates and degradation.

Glove material

Waterproof rubber gloves. The selection of suitable gloves not only depends on the material, but also on other quality features and varies from manufacturer to manufacturer. As the product is a compound of several substances, the resistance of glove materials cannot be predicted and must therefore be checked before use.

Penetration time of the glove material

The exact penetration time must be inquired from the manufacturer of the protective gloves and must be observed.

Eye protection:

Tight-closing safety goggles

Body protection:

Wear closed, long-sleeved protective clothing and tight footwear. Remove soiled and saturated clothing immediately. Use skin care products before and especially after work.

Section 9 Physical and chemical properties**9.1 Information on the basic physical and chemical properties**

Aggregate state:	Powder impregnation on fabric
Color:	Gray
Smell:	Odorless
Explosive properties:	Not explosive
Self-ignition temperature:	The products are not flammable
Density:	Not determined
Solubility in / miscibility with water:	Insoluble
pH value:	12 (at 20°C – suspension)

9.2 Other information

No other relevant information available.

Section 10 Stability and reactivity**10.1 Reactivity**

No relevant information available.

10.2 Chemical stability

No decomposition when used as directed.

10.3 Possibility of dangerous reactions

No reactions if used as intended.

10.4 Conditions to avoid

Moisture – this can lead to hydration and influence product properties.

10.5 Incompatible materials

No relevant information available.

10.6 Hazardous decomposition products

No dangerous decomposition products known.

Section 11 Toxicological information**11.1 Information on toxicological effects****Acute toxicity:**

On the basis of the available data, the classification criteria are not met.

Primary irritant effect:

Skin: Skin irritation due to fat deprivation possible.

Eye: Strong irritant effect with danger of serious eye damage.

Corrosivity:

On the basis of the available data, the classification criteria are not met.

Sensitization:

No sensitizing effect known.

Repeated dose toxicity:

Not tested.

Carcinogenicity:

Not tested.

Mutagenicity:

Not tested.

Reproductive toxicity:

Not tested.

Additional toxicological information:

No hazards beyond the labelling are to be expected.

Section 12 Environmental information**12.1 Toxicity:**

No other relevant information available.

12.2 Persistence and degradability:

No other relevant information available.

12.3 Bioaccumulation potential:

No other relevant information available.

12.4 Mobility in the ground:

No other relevant information available.

12.5 Results of the PBT and vPvB assessment:

No other relevant information available.

12.6 Other adverse effects:

No other relevant information available.

Section 13 Notes on disposal**13.1 Waste treatment process**

Recommendation:

Do not dispose of together with household waste. Do not empty into drains. Waste code in

accordance with the Waste Catalogue Regulation (AVV):

17 00 00 Construction and demolition waste

17 01 00 Concrete, bricks, tiles, ceramics

17 01 01 Concrete

Uncleaned packaging

Recommendation: Contaminated packaging must be emptied in an optimum manner and may then be recycled for subsequent cleaning.

Recommended cleaning agent: water.

Cleaned packaging

Recommendation:

Non-contaminated packaging can be recycled.

Section 14 Transport information**14.1 UN number**

ADR, ADN, IMDG, IATA

not applicable

14.2 Proper UN shipping name

ADR, ADN, IMDG, IATA

not applicable

14.3 Transport hazard classes

ADR, DNA, IMDG, IATA class

not applicable

14.4 Packaging group

ADR, IMDG, IATA

not applicable

14.5 Environmental hazards

Marine pollutant

No

14.6 Special precautions for the user

Not applicable

Section 15 Legal provisions**15.1 Safety, health and environmental protection/ specific legislation for the substance or mixture****EU regulations:**

Regulation (EC) No 1005/2009 (substances that deplete the ozone layer): Not applicable.

Regulation (EC) No 850/2004 (Persistent organic pollutants): Not applicable.

Regulation (EC) No 648/2001 (Detergents Regulation): Not applicable.

Restriction pursuant to Title VIII of Regulation (EC) No 1907/2006: none.

National regulations:

Water hazard class:

WGK 1, according to VwVwS: slightly hazardous to water.

Reference to technical rules for hazardous substances (TRGS):

Protective measures according to TRGS 500 must be observed.

GISCODE:

ZP1 (cement-containing products, low chromate)

15.2 Chemical safety assessment

Chemical safety assessment was not carried out.

Section 16 Other information

All information contained in this safety data sheet is based on the current state of our knowledge, but it does not constitute an assurance of product properties and does not establish a contractual legal relationship.

Relevant sentences (from sections 2 and 3)

H315	Causes skin irritation.
H318	Causes severe eye damage.
H335	May cause respiratory irritation.
P260	Do not inhale dust
P262	Do not allow contact with eyes, skin or clothing.
P305+P351+P338+P313	When exposed to eyes: Gently rinse with water for several minutes. Remove existing contact lenses if possible. Continue rinsing.

Methods referred to in Article 9 of Regulation (EC) No 1272/2008 used to evaluate the information for the purpose of classification:

Classification according to Regulation (EC) No 1272/2008, Annex VII (Conversion Table)

Abbreviations:

ADR/RID	European Agreements on the transport of Dangerous goods by Road/Railway
BGR	Occupational health and safety regulations
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging (Regulation (EC) No 1272/2008)
EC	Effective concentration (medium effective concentration)
IATA	International Air Transport Association
IMDG	International agreement on the Maritime transport of Dangerous Goods
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals (Regulation (EC) 1907/2006)
SDB	Safety data sheet
STOT	Specific Target Organ Toxicity
TRGS	Technical rules for hazardous substances
VCI	Association of the Chemical Industry e.V.
vPvB	Very Persistent, very Bioaccumulative
VwVwS	Administrative regulation on water-polluting substances