

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.09.2014

Version number 3

Revision: 09.09.2014

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

1.1 Product identifier

Trade name **Multi- Tight 2K powdercompount**

Article number: 3014

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

No further relevant information available.

Application of the substance / the mixture Knife filler/ Surfacer

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Remmers Baustofftechnik GmbH
Postfach 1255
D-49624 Lönigen / Germany
Tel.: +49(0)5432/83-0
Fax: +49(0)5432/3985

Remmers (UK) Limited
Unit B1 The Fleming Centre
West Sussex RH10 9NN
fon +44 (0) 845 373 0103
fax +44 (0) 845 373 0104

Informing department:

Product Safety department: Tel.: Steve Dunn Tel.: +44 (0) 845 373 0103
E-Mail: sales@remmers.co.uk

1.4 Emergency telephone number:

during working hours:
U.K.: Tel.: +44 (0) 845 373 0103
sales@remmers.co.uk
Far East: Tel.: +65 (0) 67410277
Head Office Germany: Tel.: +49 (0)5432 83 187
info@remmers.de
after working hours: Tel.: +49 (0)171 21 34 091

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Eye Dam. 1 H318 Causes serious eye damage.

Skin Irrit. 2 H315 Causes skin irritation.

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

Xi; Irritant

R37/38-41: Irritating to respiratory system and skin. Risk of serious damage to eyes.

Information concerning particular hazards for human and environment:

The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Classification system:

The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

Hazard pictograms



GHS05

(Contd. on page 2)

EN

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.09.2014

Version number 3

Revision: 09.09.2014

Trade name **Multi- Tight 2K powdercompount**

(Contd. of page 1)

Signal word Danger**Hazard-determining components of labelling:**

Cement

Cement

Hazard statements

H315 Causes skin irritation.

H318 Causes serious eye damage.

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.

P264 Wash thoroughly after handling.

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.

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

2.3 Other hazards**Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures**Description:** Mixture of the substances listed below with harmless additions.**Dangerous components:**

CAS: 65997-15-1 EINECS: 266-043-4	Cement Xi R37/38-41 ----- Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	20-40%
CAS: 14808-60-7 EINECS: 238-878-4	silica (quartz, respirable) Xn R48/20 ----- STOT RE 2, H373	5-10%

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

SECTION 4: First aid measures

4.1 Description of first aid measures**After inhalation**

Seek medical treatment in case of complaints.

In case of unconsciousness bring patient into stable side position for transport.

After skin contact

If skin irritation continues, consult a doctor.

Wash immediately with water and soap and rinse thoroughly.

After eye contact Rinse opened eye for several minutes under running water. Then consult doctor.**After swallowing** Call a doctor immediately.**4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

Information for doctor see item 3**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

EN

(Contd. on page 3)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.09.2014

Version number 3

Revision: 09.09.2014

Trade name Multi- Tight 2K powdercompout

(Contd. of page 2)

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

5.2 Special hazards arising from the substance or mixture No further relevant information available.

5.3 Advice for firefighters

Protective equipment: No special measures required.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures Avoid causing dust.

6.2 Environmental precautions: Do not allow to enter sewage system, surface or ground water.

6.3 Methods and material for containment and cleaning up:

Keep away from water.

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 information on disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Avoid the formation of dust.

Information about protection against explosions and fires: No special requirements.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and containers:

Store in closed rooms protected against moisture. Extraction of dust in compliance with BImSchG or Technical Instructions Air.

No special requirements.

Information on storage in a common storage facility: none

Further information about storage conditions:

Store dry.

Protect from humidity and keep away from water.

Keep container tightly closed.

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

SECTION 8: Exposure controls/personal protection

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

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

When mixing the material, small amounts of ammonium may be released. Ensure sufficient ventilation or mix outdoors!

65997-15-1 Cement

WEL	Long-term value: 10* 4** mg/m ³
-----	--

	*inhalable dust **respirable dust
--	-----------------------------------

Additional information: The lists that were valid during compilation were used as a basis.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

Do not eat, drink or smoke while working.

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.09.2014

Version number 3

Revision: 09.09.2014

Trade name **Multi- Tight 2K powdercompount**

(Contd. of page 3)

Use skin protection cream for preventive skin protection.

Observe Professional Association regulations.

Keep away from food, beverages and animal feed.

Immediately remove soiled, saturated clothing.

Wash hands before pauses and after work.

Avoid contact with skin.

Avoid contact with eyes and skin.

Respiratory equipment: Filter AX/P2

Protection of hands: Protective gloves.

Material of gloves

Nitrile rubber, NBR

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material

Break through time: max. 240 min (DIN EN 374).

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Avoid contact with eyes. In case of eye contact, rinse immediately and thoroughly with water. Seek medical advice.

Tightly sealed safety glasses.

Body protection: Protective work clothing.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Powder
Colour:	Grey
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value at 20 °C: ca. 12

Change in condition

Melting point/Melting range:	> 1000 °C Not determined
Boiling point/Boiling range:	Not determined

Flash point: Not applicable

Inflammability (solid, gaseous) Not determined.

Ignition temperature: not applicable

Decomposition temperature: Not determined.

Self-inflammability: Product is not self-igniting.

Danger of explosion: Product is not explosive.

Explosive Limits:

Lower:	Not determined.
Upper:	Not determined.

Vapour pressure: Not applicable.

Density Not determined

(Contd. on page 5)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.09.2014

Version number 3

Revision: 09.09.2014

Trade name Multi- Tight 2K powdercompount

(Contd. of page 4)

Bulk apparent density	1,1 kg/m ³
Relative density	Not determined.
Vapour density	Not applicable.
Evaporation rate	Not applicable.

Solubility in / Miscibility with Water: Soluble

Distribution coefficient (n-octanol/water): Not determined.

Viscosity:
dynamic: Not applicable.
kinematic: Not applicable.

Solvent content:
Organic solvents: 0.0 %
9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:

No decomposition if handled and stored according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further 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:

Primary irritant effect:

on the skin: Irritates skin and mucous membranes.

on the eye: Strong irritating effect with the danger of severe eye injury.

Sensitisation: No sensitising effect known.

Additional toxicological information:

The product shows the following dangers based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

Additional ecological information:

General notes:

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

Do not allow undiluted or larger quantities of the product to reach ground water, bodies fo water or sewage system.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.09.2014

Version number 3

Revision: 09.09.2014

Trade name Multi- Tight 2K powdercompount

(Contd. of page 5)

vPvB: Not applicable.**12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions. Do not dispose of together with household garbage. Do not allow product to reach sewage system.

European waste catalogue

17 01 01	concrete
----------	----------

Uncleaned packaging:

Recommendation: Disposal must be made according to official regulations.

Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information

14.1 UN-Number

ADR, ADN, IMDG, IATA

Void

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

Void

14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA

Class

Void

14.4 Packing group

ADR, IMDG, IATA

Void

14.5 Environmental hazards:

Marine pollutant:

No

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

Transport/Additional information:

Not a hazardous good according to the above regulations.

UN "Model Regulation":

-

SECTION 15: Regulatory information

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

National regulations

Other regulations, limitations and prohibition ordinances

Professional Association Principles/Industrial Medicine regulations, e.g. principles of industrial medicine Occupational Safety Regulations.

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

EN

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 09.09.2014

Version number 3

Revision: 09.09.2014

Trade name Multi- Tight 2K powdercompound

(Contd. of page 6)

SECTION 16: Other information

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship. Delivery specifications are found in the respective Technical Information Sheets.

Relevant phrases

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H373 May cause damage to organs through prolonged or repeated exposure.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Department issuing data specification sheet: Product Safety department / EHS

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

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)

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

STOT RE 2: Specific target organ toxicity - Repeated exposure, Hazard Category 2