

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 1 / 10

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

1.1 Product identifier

FLEX DICHTUNGSSCHLÄMME 1240

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

1.2.1 Relevant uses

Sealing material

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company Ramsauer GmbH & Co KG
Sarstein 17
4822 Bad Goisern / H. / AUSTRIA
Phone +43(0)6135 8205-0
Fax +43(0)6135 8205-250
Homepage www.ramsauer.at
E-mail office@ramsauer.at

Address enquiries to

Technical information office@ramsauer.at

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +43 (0) 1 406 43 43 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Skin Irrit. 2: H315 Causes skin irritation.
Eye Dam. 1: H318 Causes serious eye damage.
STOT SE 3: H335 May cause respiratory irritation.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).

Hazard pictograms



Signal word

DANGER

Contains:

Cement, portland, chemicals

Hazard statements

H318 Causes serious eye damage.
H315 Causes skin irritation.
H335 May cause respiratory irritation.

Precautionary statements

P280 Wear protective gloves / 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.
P501 Dispose of contents/container in accordance with local/national regulation.

2.3 Other hazards

Environmental hazards

Does not contain any PBT or vPvB substances.
Contains no ingredients with endocrine-disrupting properties.

Other hazards

Further hazards were not determined with the current level of knowledge.

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 2 / 10

SECTION 3: Composition / Information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

The product is a mixture.

| Range [%] | Substance |
|-----------|-------------------------------------------------------------------|
| 30 - <35 | Cement, portland, chemicals |
| | CAS: 65997-15-1, EINECS/ELINCS: 266-043-4 |
| | GHS/CLP: Eye Dam. 1: H318 - STOT SE 3: H335 - Skin Irrit. 2: H315 |

Comment on component parts

contains < 2ppm Chromium VI
Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Take off contaminated clothing and wash before reuse.

Inhalation

Ensure supply of fresh air.
In the event of symptoms seek medical treatment.

Skin contact

When in contact with the skin, clean with soap and water.
Consult a doctor if skin irritation persists.

Eye contact

In case of contact with eyes rinse thoroughly and immediately with plenty of water and seek medical advice.
Shield unaffected eye.

Ingestion

Rinse out mouth and give plenty of water to drink.
Consult a doctor immediately.

4.2 Most important symptoms and effects, both acute and delayed

Irritant effects
Risk of serious damage to eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Carbon dioxide.
Water spray jet.
Dry powder.
Foam.

Extinguishing media that must not be used

Full water jet.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released:
Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 3 / 10

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment (protective gloves, safety glasses, protective clothing).
Avoid dust formation.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Take up mechanically.
Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.
Avoid the formation and deposition of dust.
Dust can form an explosive mixture with air.
Wash hands before breaks and after work.
Use barrier skin cream.
Do not eat, drink, smoke or take drugs at work.
Take off contaminated clothing and wash before reuse.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.
Prevent penetration into the ground.
Do not store together with food and animal food/diet.
Keep in a cool place. Store in a dry place.
Keep away from water or from damp surroundings.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection

8.1 Control parameters

Ingredients with occupational
exposure limits to be monitored (GB)

| |
|-----------------------------------------------------------------------------------------------------|
| Substance |
| Cement, portland, chemicals |
| CAS: 65997-15-1, EINECS/ELINCS: 266-043-4 |
| Long-term exposure: 10 mg/m ³ , inhalable dust; respirable dust: TWA=4 mg/m ³ |

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 4 / 10

8.2 Exposure controls

| | |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Additional advice on system design | Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances. Pay attention to dust limit value (ACGIH-2011: 10 mg/m ³ particle inhalable; 3 mg/m ³ particle respirable). |
| Eye protection | safety glasses (EN 166:2001) |
| Hand protection | 0,4 mm Nitrile rubber, >480 min (EN 374-1/-2/-3). The details concerned are recommendations. Please contact the glove supplier for further information. |
| Skin protection | Protective clothing (EN 340) |
| Other | Avoid contact with eyes and skin. Do not inhale dust. |
| Respiratory protection | In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter P1 (DIN EN 143) |
| Thermal hazards | not applicable |
| Delimitation and monitoring of the environmental exposition | Protect the environment by applying appropriate control measures to prevent or limit emissions. |

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|------------------------------------------------|-------------------------------|
| Physical state | powder |
| Color | grey |
| Odor | odourless |
| Odour threshold | not determined |
| pH-value | not applicable |
| pH-value [1%] | 12 - 13 |
| Boiling point [°C] | not applicable |
| Flash point [°C] | not applicable |
| Flammability (solid, gas) [°C] | not applicable |
| Lower explosion limit | not applicable |
| Upper explosion limit | not applicable |
| Oxidising properties | no |
| Vapour pressure/gas pressure [kPa] | not applicable |
| Density [g/ml] | 1,5 |
| Bulk density [kg/m³] | not determined |
| Solubility in water | virtually insoluble <2 g/L |
| Solubility other solvents | No information available. |
| Partition coefficient [n-octanol/water] | not applicable |
| Kinematic viscosity | not applicable |
| Relative vapour density | not applicable |
| Evaporation speed | not applicable |
| Melting point [°C] | >1000 |
| Auto-ignition temperature | not applicable |
| Decomposition temperature [°C] | not determined |
| Particle characteristics | No information available. |

9.2 Other information

none

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 5 / 10

SECTION 10: Stability and reactivity

10.1 Reactivity

The product reacts strongly alkaline with water.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Reactions with strong oxidizing agents.

10.4 Conditions to avoid

See SECTION 7.2.

10.5 Incompatible materials

not determined

10.6 Hazardous decomposition products

No hazardous decomposition products known.

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 6 / 10

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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

Product

oral, Based on the available information, the classification criteria are not fulfilled.,

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

Product

dermal, Based on the available information, the classification criteria are not fulfilled.,

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

Product

inhalative, Based on the available information, the classification criteria are not fulfilled.,

Serious eye damage/irritation Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.
Risk of serious damage to eyes.
Calculation method

Skin corrosion/irritation Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.
Irritant
Calculation method

Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
Toxicological data of complete product are not available.
contains < 2ppm Chromium VI

Specific target organ toxicity — single exposure Based on the available information, the classification criteria are fulfilled.
Toxicological data of complete product are not available.
May cause respiratory irritation.
Calculation method

Specific target organ toxicity — repeated exposure Does not contain a relevant substance that meets the classification criteria.

Mutagenicity Does not contain a relevant substance that meets the classification criteria.

Reproduction toxicity Does not contain a relevant substance that meets the classification criteria.

Carcinogenicity Does not contain a relevant substance that meets the classification criteria.

Aspiration hazard Does not contain a relevant substance that meets the classification criteria.

General remarks

none

SECTION 12: Ecological information

12.1 Toxicity

12.2 Persistence and degradability

Behaviour in environment compartments not determined

Behaviour in sewage plant not determined

Biological degradability not determined

12.3 Bioaccumulative potential

not determined

12.4 Mobility in soil

not determined

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 7 / 10

12.5 Results of PBT and vPvB assessment

Based on all available information not to be classified as PBT or vPvB respectively.

12.6 Endocrine disrupting properties

Contains no ingredients with endocrine-disrupting properties.

12.7 Other adverse effects

Ecological data of complete product are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

For recycling, consult manufacturer.
Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended)

080413*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.
Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended)

150110* packaging containing residues of or contaminated by hazardous substances
150101

SECTION 14: Transport information

14.1 UN number

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.2 UN proper shipping name

Transport by land according to ADR/RID NO DANGEROUS GOODS

Inland navigation (ADN) NO DANGEROUS GOODS

Marine transport in accordance with IMDG NOT CLASSIFIED AS "DANGEROUS GOODS"

Air transport in accordance with IATA NOT CLASSIFIED AS "DANGEROUS GOODS"

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 8 / 10

14.3 Transport hazard class(es)

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.4 Packing group

Transport by land according to ADR/RID not applicable

Inland navigation (ADN) not applicable

Marine transport in accordance with IMDG not applicable

Air transport in accordance with IATA not applicable

14.5 Environmental hazards

Transport by land according to ADR/RID no

Inland navigation (ADN) no

Marine transport in accordance with IMDG no

Air transport in accordance with IATA no

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

not applicable

SECTION 15: Regulatory information

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

EEC-REGULATIONS 2008/98/EC 2000/532/EC; 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014

TRANSPORT-REGULATIONS ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2021)

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits (Second edition, published December 2011).

- **Observe employment restrictions for people** Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.

- **VOC (2010/75/CE)** 0 %

Ramsauer GmbH & Co KG
4822 Bad Goisern / H.

Date printed 24.02.2021, Revision 24.02.2021

Version 05. Supersedes version: 04

Page 9 / 10

15.2 Chemical safety assessment

not applicable

SECTION 16: Other information

16.1 Hazard statements (SECTION 3)

H315 Causes skin irritation.
H335 May cause respiratory irritation.
H318 Causes serious eye damage.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
ATE = acute toxicity estimate
CAS = Chemical Abstracts Service
CLP = Classification, Labelling and Packaging
DMEL = Derived Minimum Effect Level
DNEL = Derived No Effect Level
EC50 = Median effective concentration
ECB = European Chemicals Bureau
EEC = European Economic Community
EINECS = European Inventory of Existing Commercial Chemical Substances
EL50 = Median effective loading
ELINCS = European List of Notified Chemical Substances
EmS = Emergency Schedules
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IC50 = Inhibition concentration, 50%
IMDG = International Maritime Code for Dangerous Goods
IUCLID = International Uniform Chemical Information Database
IVIS = In vitro irritation score
LC50 = Lethal concentration, 50%
LD50 = Median lethal dose
LC0 = lethal concentration, 0%
LOAEL = lowest-observed-adverse-effect level
LL50 = Median lethal loading
LQ = Limited Quantities
MARPOL = International Convention for the Prevention of Marine Pollution from Ships
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
PBT = Persistent, Bioaccumulative and Toxic substance
PNEC = Predicted No-Effect Concentration
REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
STP = Sewage Treatment Plant
TLV@TWA = Threshold limit value – time-weighted average
TLV@STEL = Threshold limit value – short-time exposure limit
VOC = Volatile Organic Compounds
vPvB = very Persistent and very Bioaccumulative

16.3 Other information

Classification procedure

Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)
Eye Dam. 1: H318 Causes serious eye damage. (Calculation method)
STOT SE 3: H335 May cause respiratory irritation. (Calculation method)

Modified position

SECTION 2 been added: Contains no ingredients with endocrine-disrupting properties.
SECTION 8 been added: In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection.
SECTION 11 been added: Based on available data, the classification criteria are not met.
SECTION 11 been added: Based on available data, the classification criteria are not met.
SECTION 11 been added: Based on available data, the classification criteria are not met.
SECTION 12 been added: Contains no ingredients with endocrine-disrupting properties.

Safety Data Sheet REACH(UK) (GB)
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Version 05. Supersedes version: 04

Page 10 / 10

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