

Product Safety Information

CPF liner Zemdrain®

G2E – Zemdrain – 2022 – V.01

The information provided in this document regarding composition and safety recommendations is voluntary and not subject to regulatory requirements. The format and content however follows the requirements of Regulation (EC) No 1907/2006 (REACH). These recommendations do not relieve users of their liability to consider further Health and Safety standards, in particular in respect to on-site handling and product installation. As the content may be updated, please refer to the latest edition of this Product Safety Information on our website www.maxfrank.com.

1. Identification of the article and Company

Product name: CPF Liner Zemdrain®
Types: Zemdrain® Classic; Zemdrain® MD; MAX FRANK CPF Liner self adhesive

Details of the Supplier of the Product Safety Information

Manufacturer: MAX FRANK Group
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94339 Leiblfing
Germany

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2. Hazards identification

Classification of the substance or mixture

Not relevant for article

Label elements

As an article the product does not need to be labelled in accordance with EC-directives or respective national laws.

Product information

This product has no known adverse effect on human health.

Additives in this product do not present a respiration hazard unless the product is ground to a powder of respirable size and the dust is inhaled. All dusts are potentially injurious to the respiratory tract if respirable particles are generated and inhaled. Dust may form explosive mixture in air.

3. Composition/information on ingredients

Article composition

Not relevant for article

The above products are compliant to REACH registration obligations; Registration number(s) may not be provided because substance(s) are exempted, not yet registered under REACH or are registered under another regulatory process (biocide uses, plant protection products), etc.

4. First aid measures

Description of first aid measures

General advice: No hazards which require special first aid measures.

Most important symptoms and effects, both acute and delayed

Not relevant for article

Indication of any immediate medical attention and special treatment needed

Not relevant for article

5. Firefighting measures

Extinguishing media

Not relevant for article

Special hazards arising from the article

Specific hazards during firefighting: Burning is accompanied by melting and dripping which may cause the fire to spread.
Hazardous combustion products Carbon monoxide Carbon dioxide (CO₂)

Advice for firefighters

Special protective equipment for firefighters: Wear self-contained breathing apparatus and protective suit.

Further information: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Not relevant for article

Environmental precautions

Not relevant for article

Methods and materials for containment and cleaning up

Methods for cleaning up : Not applicable

Reference to other sections

Not relevant for article

7. Handling and storage

Precautions for safe handling

Advice on safe handling: No special handling advice required. Material can create slippery conditions. Take precautionary measures against static discharges. Minimize the generation and accumulation of dust.

Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers: No special storage conditions required.

Specific end use(s)

Not relevant for article

8. Exposure controls/personal protection

Control parameters

If sub-section is empty then no values are applicable. For further information on any control parameters provided, please refer to the relevant regulation.

Components with workplace control parameters

Type Form of exposure	Controlled parameters (Expressed as)	Update	Regulatory basis
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Polypropylene (CAS-No. 9003-07-0)

Dust (inhalable and respirable fraction)

Long-term exposure limit (8-hour TWA reference period) inhalable	10mg/m ³	2011-12-01	UK. EH40 WEL - Workplace Exposure Limits
Long-term exposure limit (8-hour TWA reference period) Respirable fraction	4 mg/m ³	2011-12-01	UK. EH40 WEL - Workplace Exposure Limits

Exposure controls

Engineering measures: Provide appropriate exhaust ventilation at places where dust is formed.

Respiratory protection: Respiratory protection should not be required for normal use and handling. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

9. Physical and chemical properties

Information on basic physical and chemical properties

Form:	sheets, roll
Colour:	various
Odour:	none
pH:	Not applicable
Melting point:	165° C
Boiling point/boiling range:	Not applicable
Flash point:	Not applicable
Thermal decomposition:	300° C
Vapour pressure:	Not applicable

Other information

No other data to be specially mentioned.

10. Stability and reactivity

Reactivity:	Not relevant for article
Chemical stability:	Not relevant for article
Possibility of hazardous reactions:	no data available
Conditions to avoid:	Temperature 300°C
Incompatible materials:	Not relevant for article
Hazardous decomposition products:	Not relevant for article

11. Toxicological information

Information on toxicological effects

Ecological information

Toxicity

Not relevant for article

Persistence and degradability

Not relevant for article

Bio accumulative potential

Not relevant for article

Mobility in soil

Not relevant for article

Results of PBT and vPvB assessment

Not relevant for article

Other adverse effects

Additional ecological information

This product has no known ecotoxicological effects.

12. Disposal considerations

Waste treatment methods

Product: Where possible recycling is preferred to disposal or incineration.

13. Other information

Abbreviations and acronyms

ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute toxicity estimate
CAS-No.	Chemical Abstracts Service number
CLP	Classification, Labelling and Packaging
EbC50	Concentration at which 50% reduction of biomass is observed
EC50	Median effective concentration
EN	European Norm
EPA	Environmental Protection Agency
ErC50	Concentration at which a 50% inhibition of growth rate is observed
EyC50	Concentration at which 50 % inhibition of yield is observed
IATA_C	International Air Transport Association (Cargo)
IBC	International Bulk Chemical Code
ICAO	International Civil Aviation Organization
ISO	International Standard Organization
IMDG	International Maritime Dangerous Goods
LC50	Median Lethal Concentration
LD50	Median Lethal Dose
LOEC	Lowest Observed Effect Concentration
LOEL	Lowest observed effect level
MARPOL	International Convention for the Prevention of Marine Pollution from Ships
n.o.s.	Not Otherwise Specified
NOAEC	No Observed Adverse Effect Concentration
NOAEL	No observed adverse effect level
NOEC	No Observed Effect Concentration
NOEL	No Observed Effect Level
OECD	Organisation for Economic Co-operation and Development
OPPTS	Office of Prevention, Pesticides and Toxic Substances
PBT	Persistent, Bioaccumulative and Toxic
STEL	Short term exposure limit
TWA	Time Weighted Average (TWA):
vPvB	very Persistent and very Bioaccumulative

Disclaimer / Notes:

All technical data stated in this Product Safety Information are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Recommendations with regard to product application given in the present Product Safety Information for practical assistance of product users are based on our experience and our present scientific and practical body of knowledge. These recommendations, however, are given without engagement and do not establish a contractual relationship or subsidiary duties. These recommendations do not relieve users of their liability and of their own responsibility to test, whether our product is adequate for the intended purpose of application. Please refer to the latest edition of this Product Safety Information on our web presence www.maxfrank.com

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