

**SAFETY DATA SHEET according to:  
Regulation (EC) no. 1907/2006, Annex II of the European Parliament and of  
the Council concerning the Registration, Evaluation, Authorisation and  
Restriction of Chemicals (REACH), EU 2015/830 and Regulation (EC)  
1272/2008 - amended by Regulation 453/2010**

## KRAFT HYDROLOCK BITUMEN FLEX

Version 1.0  
Revision (date): 01.2022

### 1. Identification of the substance / preparation and company / undertaking

#### 1.1 Product identification

Trade Name : KRAFT HYDROLOCK BITUMEN FLEX  
Synonyms and Other Names : Waterproofing emulsion  
CAS number : -----  
EC number: -----  
Reach registration number : -----  
Index number : -----

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

Use of the substance / mixture : Construction applications (PROC10, PROC11, PROC13, PROC8a, PROC8b, SU22)  
Laboratories used - Professional (PROC10, PROC15, SU3)

Recommended restrictions in use : Not recommended to use in combination with other substances than those recommended in the product data sheet.

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

Company providing: Druckfarben Romania SRL  
17-23, Atomistilor str, Magurele, Ilfov, Romania  
Phone: +40 21 405.71.00  
Fax: +40 21 405.71.01  
E-mail (e-mail): anegreanu@druckfarbengroup.com  
Responsible / issuing person: Adriana Negreanu

#### 1.4. Telephone number can be dialed in an emergency

Telephone number can be dialed  
in case of emergency: 0040 740 100 177  
0040 21 3183606 - INSPB

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### 2. Hazard identification

#### 2.1. Classification of the substance or mixture

Classification as required by Regulation 1272/2008/EC

REGULATION (EC) NO. 1272/2008		
Hazard Classification	Hazard Category	Hazard Phrases
Not dangerous	-----	-----
	-----	-----

Classification according to EU Directives 67/548/EEC or 1999/45/EC

DIRECTIVE 67/548/EEC or 199/45/EC	
Classification	Risk Phrases
Not dangerous	-----

#### The most important adverse

Human health: The toxicological information, see Chapter 11.  
Chemical and physical risk: For information on physicochemical proprietatilr, see Chapter 9  
Potential effects on the: For information on environmental action, see Chapter  
enviroment 12

#### 2.2. Label elements:

**Labelling in accordance with the requirements of EU Directive 67/548/EEC or 1999/45/EC.**

Does not require special labeling according to EU Directive 67/548/EEC or 1999/45/EC classification.

**Labelling in accordance with the requirements of Regulation 1272/2008/EC**

Does not require special labeling according to the classification Regulation 1272/2008 / EC

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### Precaution phrases :

P102-Keep out of reach of children. P301+P312-IF SWALLOWED: Call a POISON CENTER or physician if you feel unwell. P301+P330+P331-IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P410+P403-Protect from sunlight. Store in a well ventilated area. P402+P404-Store in a dry place in a closed container. P501-Dispose of contents/container to a designated collection point for special waste in accordance with local regulations.

### 2.3. Other dangers

Product fails to meet PBT and vPvB criteria .

## 3. Composition / information on ingredients

### 3.1 Substances

The product it's a mixture of substances.

### 3.2. Mixtures

Anionic bituminous emulsion with mineral aggregates.

The product is a blend made of components (substances) which not require special labeling according to EU Directive 67/548/EEC Classification 1999/45/CE. or to Regulation 1272/2008/EC with its amendments.

## 4. First aid measures

### 4.1 Description of First Aid measures

-**General instructions:** Immediately take off all contaminated clothing.

Symptoms of poisoning may occur even after several hours; therefore, medical observation for at least 48 hours after the accident is required.

-**Inhalation:** In case of unconsciousness, place the person stably in side position for transportation.

-**Contact with skin:** Wash immediately with soap and water and rinse well.

-**Contact with eyes:** Rinse open eyes for several minutes under running water. Consult a doctor.

-**Ingestion:** Consult a doctor immediately. Drink plenty of water and breath fresh air. Seek medical attention immediately.

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

No further relevant data available.

### **4.3 Indications of any immediate medical attention or especial treatment needed.**

No further relevant data available.

## **5. Measures to fight fires**

### **5.1. Fire fighting equipment**

**Suitable extinguishing:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol

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

**Specific hazards during :** In case of fire can be released oxides of carbon  
fire fighting

### **5.3. Advice for firefighters**

**Special protective equipment :** In case of fire, wear self contained breathing  
for firefighters apparatus. You will be wearing a suitable protective clothing  
(full protective suit)

**Additional Information:** Cool with water spray jet near closed containers exposed to fire.

Standard procedure for chemical fires. It will use appropriate extinguishing local conditions. Will collect water separately contaminated extinguishing. This should not be discharged into drains. Fire residues and extinguishing water that was contaminated must be disposed of in accordance with local regulations.

## **6. Measures taken in case of accidental dispersion**

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

Use protective equipment. Keep unprotected persons away.

### **6.2 Environmental precautions:**

Do not allow the product to enter the sewer system, work pits or basements.  
Dilute with plenty of water.  
Do not allow the product to enter the water system or surface or ground water courses.

### **6.3 Methods and material for containment and cleaning up:**

Remove using absorbent materials (sand, kieselguhr, acid binders, universal binders, sawdust).  
Use a neutralising agent.  
Ensure adequate ventilation

### **6.4 Reference to other sections:**

Refer to section 13 for further information on safe handling.  
Refer to section 8 for further information on personal protective equipment.  
Refer to section 13 for further information on product disposal

## **7. Handling and Storage**

### **7.1 Precautions for safe handling**

Tips for safe handling:

Keep container tightly closed. Ensure adequate ventilation, especially in confined areas.

Hygiene:

Keep away from food, drink and animal feed. Smoking, eating and drinking are prohibited in the area of use. Wash hands before breaks and after working hours. Take off all contaminated clothing. Avoid contact with skin and eyes. Do not breathe vapors or spray mist.

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

Requirements for storage areas: and containers	Store in original container. Temperature : 5-35°C.
Protective measures against: fire and explosions	Provide appropriate exhaust ventilation in places where dust is formed.
Additional information on storage: conditions	Keep tightly closed in a cool, dry place. Keep in a well ventilated area. No decomposition if stored and used according to regulations
Protective measures for common : Incompatible storage :	Keep away from food, drink and animal feed. Do not store with acids. Keep containers tightly closed. Protect from frost, heat, radiation, static electricity.

### **7.3 Specific Use**

Specific use: No further relevant data available.

## **8. Exposure controls / personal protection**

### **8.1. Control parameters**

Occupational Exposure Limits of Law 319/2006 on Safety and Health work and GD 1218/2006 on the establishment of minimum safety and health to protect workers from risks related to chemical agents - Annex 1.

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### 8.2. Exposure controls

#### Personal protective equipment

##### Respiratory protection

Advice:

Not special individual respiratory equipment required for handling the final product. For raw materials handling ,cartridge mask is recommended or special filter for organic vapors, dust.

It is required with adequate ventilation system when work with purvelulente material.

##### Hand Protection

Advice:

Wear gloves, resistant to alkaline agents

Take note of the information provided by the manufacturer on permeability and breakdown times and the specific conditions at work (mechanical pressure, contact time).

Protective gloves should be changed immediately at the first signs of wear.

Material:

Natural latex with low polychloroprene latex content (Lapren, Fa. KCL)

Gloves:

8 h

Glove thickness:

0.5 mm

##### Eyes Protection

Advice:

Not applicable

##### Skin and body Protection

Wear suitable protective equipment

##### Environmental exposure controls

General:

Do not let product enter drains.

If the product contaminates rivers, lakes or sewers, inform the competent authorities in accordance with legal provisions.

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### 9. Physical and chemical properties

#### 9.1. Information on physical and chemical characteristics

Form:	Viscous liquid
Odor :	Odourless
Color:	Dark Brown / Black
Solubility in water, pH	1000 kg/m <sup>3</sup> 8-9
Melting / freezing point	Not applicable
Initial boiling point and boiling range Flash point	100°C Not flammable (>60°C)
Evaporation rate Dynamic viscosity at 20°C	Not applicable 16300 – 18300 cP
Flamability	Not applicable
Inf. limit of explosion, (%v/v):	Not applicable
Sup.limit of explosion.(%v/v)	Not applicable
Vapour pressure (kPa) 20°C	2350
Vapour density (aer=1)	Not applicable
Relative Density, g/l: Water resistance	1.050 – 1.100 No significant change of features
Partition coefficient n-octanol / water Ignition temperature Decomposition temperature Explosive properties	No available data Not applicable No available data Not applicable



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Oxidative properties	Not applicable
Consumption ( kg/m <sup>2</sup> /lay) :	Cement surfaces: 0,3 – 0,6 Metal surfaces: 0,2-0,3 Primer to bituminous membranes: 0,6 Waterproof for retaining walls: 1,0
VOCs : volatile organic compounds product ready to use (g / lt)	0
Product subcategory : (cf. European Directive 2004/42/EC and coating ;GD 735/2006	A / i-SBA high-performance single-component 140 - Phase II
Adherence to concrete (membrane after 7 days, at 20°C), Kg/cm <sup>2</sup>	>4

### 9.2 Other information

Solvent concentration: Organic solvents: 0%

No additional information available

### 10. Stability and reactivity

#### 10.1. Reactivity

Advice: Stable under recommended storage conditions.

#### 10.2. Chemical Stability

Advice: Stable under normal conditions.

#### 10.3. Possibility of hazardous reactions

Hazardous reactions: Avoid contact with strong acids.

#### 10.4. Conditions to avoid

Conditions to avoid: Temperatures below 5 ° C and over 30 ° C.

Thermal decomposition: It may produce: carbon mono-oxide (CO), carbon dioxide (CO<sub>2</sub>) in the event of ignition in a fire

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### 10.5. Incompatible materials

Materials to avoid: Strong acids

### 10.6. Hazardous decomposition products

Hazardous decomposition products: May produce carbon mono-oxide (CO), carbon dioxide (CO<sub>2</sub>)

## 11. Toxicological

LD 50 oral : >2000 mg/kg

### 11.1. Information on toxicological effects

Acute oral toxicity:	no major risks but ingestion is prohibited.
Acute inhalation toxicity:	inhalation but not present major risks is prohibited
Dermal:	not present major risks but we recommend rinsing with plenty of water in case of prolonged contact with skin.
Acute toxicity : (other routes of administration)	no major risks if handled properly.
Corrosion / irritation:	Not applicable
Serious damage / eye irritation:	Rinse with plenty of water is recommended in case of eye contact
Respiratory sensitization:	Not applicable
Chronic toxicity:	
Carcinogenicity:	No component of this product at levels greater than 0.3% was not identified as a carcinogen by ACGIH, the International Agency for Research on Cancer (IARC) or the European Commission (EC)
Mutagenic:	None of the compounds of this substance in concentrations higher than 0.3% has been identified as mutagenic according to the criteria regulating.
Reproductive:	None of the compounds of this substance in concentrations higher than 0.3% has been identified as toxic to the reproductive apparatus according to the regulations.
Developmental effects and teratogenic effects:	None of the compounds of this substance in concentrations more than 0.3% was not identified as having adverse effects on development or teratogenic effects of regulating criteria

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### **12. Ecological information**

#### **12.1. Toxicity**

Acute

On soil toxicity: no data

Other relevant toxicity for the environment: no data

#### **12.2. Persistence and degradability**

Notes: It's supposed to be a biodegradable product

#### **12.3. Potential for bioaccumulation**

Comments: No data

#### **12.4. Mobility in soil**

Comments: No data

#### **12.5. Results of PBT and vPvB**

Remarks: Not applicable

#### **12.6. Other adverse effects**

Additional ecological information: Do not flush into surface water or sanitary sewer system.

Avoid subsoil penetration.

Nature Biochemical Oxygen Demand (NOB): no data

Dissolved organic carbon (DOC): no data

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Requirements in the Chemical Oxygen (NOC): no data

Adsorbable organic halogens (AOX): no data

Additional ecological information: no data

### **13. Advice on disposal**

#### **13.1. Waste treatment methods**

Product: Do not remove with normal waste. It required special disposal according to local regulations. Do not let product enter drains. Will contact the waste disposal services.

Contaminated packaging Contaminated packaging should be emptied of all residual product. These packages will be rehabilitated in accordance with legal regulations in force by specialized companies.

Commission Decision 2000/532 / EC of 3 May 2000 replacing Decision 94/3 / EC establishing a list of wastes pursuant to Article 1 (a) of Directive 75/442 / EEC on waste and Council 94 / 904 / EC establishing a list of hazardous waste pursuant to Article 1 (4) of Directive 91/689 / EEC on hazardous waste.

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### **14. Transport information**

With regard to ADR 2017 and RID 2017  
General: No class fit into the transport of dangerous goods

#### **14.1. UN Number**

No

#### **14.2. UN proper shipping name**

ADR: not applicable  
RID: not applicable  
IMDG: not applicable

#### **14.3. Class (es) to transport dangerous**

ADR-Class  
(Labels, code classification Nr.de hazard identification, tunnel restriction code): not applicable  
RID Class  
(Labels, code classification Nr.de hazard identification): not applicable  
IMDG-class  
(Labels, Emergency Guide (EmS)): not applicable

#### **14.4. Environmental Hazards**

Labelling according to ADR 5.2.1.8:	no
Labelling in accordance with RID 5.2.1.8:	no
Labelling according to IMDG5.2.1.6.3:	no
Classified as dangerous for the: environment in accordance with 2.9.3 IMDG	not
Classified "P" in accordance with 2.10 IMDG:	not

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### **14.6. Special precautions for user**

Note: not applicable

### **14.7. Bulk, in accordance with Annex II of MARPOL 73/78 and the IBC Code IMDG**

Note: Not applicable

## **15. Regulatory information**

### **15.1. Regulations / safety, health and specific environment (specify) substance or mixture**

H. G. No. 1058 of 09/08/2006 on minimum requirements for improving the safety and health protection of workers who are potentially at risk from explosive atmospheres;  
- H. G. No. 1218 of 06/09/2006 establishing minimum requirements for safety and health at work to ensure the protection of workers from risks related to chemical agents, amended by Resolution No. 1 of January 4, 2012;  
- Order no. 1474 of 12/10/2006 for the approval of the planning, organization, preparation and carrying out of the activity to prevent emergency situations, as amended by Order 217/2007;  
- Order no. 130 of 25/01/2007 approving the methodology for developing scenarios of fire safety;  
- Order no. 163 of 28.02.2007 on the approval of the general fire protection;  
- H. G. No. 1408 of 04/11/2008 concerning the classification, packaging and labeling of dangerous substances;  
- Resolution no. 937 of 01/09/2010 concerning the classification, packaging and labeling the placing on the market of dangerous preparations.

#### **UE Legislation**

-Regulation (EC) no. 1907/2006 the European Parliament and of the Council of 18/12/2006 on the registration, evaluation, authorization and restriction of chemical substances;  
- Regulation (EC) no. 1272/2008 the European Parliament and of the Council of 16/12/2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548 / EEC and 1999/45 / EC, and amending Regulation (EC) no. 1907/2006, as amended by Regulation (EC) no. 790/2009.  
- Regulation (EC) no. 1336/2008 the European Parliament and of the Council of 16/12/2008 amending Regulation (EC) no. 648/2004 in order to adapt it to Regulation (EC) no. 1272/2008 on classification, labeling and packaging of substances and mixtures;  
- Regulation (EC) no. 552/2009 of 22/06/2009 amending Regulation (EC) no. 1907/2006 the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as regards Annex XVII;

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- Directive 1999/45 / EC on the classification, packaging and labeling of dangerous preparations;
- Regulation (EU) no. 453/2010 of 20 May 2010 amending Regulation (EC) no. 1907/2006 the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Directive 2006/12 / EC on waste;
- Directive 1991/689 / EEC on hazardous waste.

### **15.2. Chemical Safety Assessment**

Under the correct product handling is stable (no chemical safety hazards).

### **16. Other information**

Other information:

The information contained in this safety data sheet are based on our knowledge and information available since publication of this document. The information given is for informational purposes for safe handling, processing, storage, transmission, distribution, use and disposal adequate security conditions and therefore can not be considered a warranty or guarantee of quality. The information relates only to the specific and may not be valid for such material used in combination with any other materials or in any process unless specified.

The additional informations that may arise subsequent to this list will be listed in the Annex sheet.

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### **ANNEX**

