



# KRAFT TOTAL PROOF PU HYBRID White

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 1 / 11

# Safety Data Sheet

According to Annex II to REACH - Regulation (EU) 2020/878 and to Annex II to UK REACH

# SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: CK351060001

Product name KRAFT TOTAL PROOF PU HYBRID White

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

Intended use Water-based, Hybrid PU / Acrylic Waterproofing Membrane For Roofs

1.3. Details of the supplier of the safety data sheet

DRUCKEARREN HELLAS SA Name Full address **MEGARIDOS AVENUE** 

**District and Country** (ATTIKI) 19300 **ASPROPYRGOS** 

**GREECE** 

+30 210 5519500 +30 210 5519501 Fax

e-mail address of the competent person

responsible for the Safety Data Sheet psafety@druckfarben.gr

1.4. Emergency telephone number

For urgent inquiries refer to 0030-210-7793777

# **SECTION 2. Hazards identification**

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

The product is not classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP).

However, since the product contains hazardous substances in concentrations such as to be declared in section no. 3, it requires a safety data sheet with appropriate information, compliant to (EU) Regulation 2020/878.

Hazard classification and indication:

## 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:

Signal words:

Hazard statements:

**FUH210** Safety data sheet available on request.

**EUH208** Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and

2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

1,2-Benzisothiazol-3(2H)-one (ECHA)

May produce an allergic reaction.

Precautionary statements:

P501 Dispose of contents / container to an approved waste disposal plant or recycled in accordance with local /

national / international regulations.

P102 Keep out of reach of children.

If medical advice is needed, have product container or label at hand. P101

Keep container tightly closed. P233

P301+P312 IF SWALLOWED: Call a POISON CENTER / doctor, if you feel unwell.



# KRAFT TOTAL PROOF PU HYBRID White

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 2 / 11

#### SECTION 2. Hazards identification .../>>

#### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

The product does not contain substances with endocrine disrupting properties in concentration ≥ 0.1%.

# **SECTION 3. Composition/information on ingredients**

#### 3.2. Mixtures

Contains:

Identification x = Conc. % Classification (EC) 1272/2008 (CLP)

**TITANIUM DIOXIDE** 

INDEX  $1 \le x < 5$ 

EC 236-675-5 CAS 13463-67-7

REACH Reg. 01-2119489379-17-0000 01-2119489379-17-0197 01-2119489379-17

1-isopropyl-2,2-dimethyltrimethylene diisobutyrate

INDEX  $0 \le x < 0.5$  Repr. 2 H361d

EC 229-934-9 CAS 6846-50-0

REACH Reg. 01-2119451093-47-0008 1,2-Benzisothiazol-3(2H)-one (BW20)

INDEX 613-088-00-6 0 ≤ x < 0,05 Acute Tox. 2 H330, Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315,

Skin Sens. 1 H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410 M=1

EC 220-120-9 Skin Sens. 1 H317: ≥ 0,05%

CAS 2634-33-5 LD50 Oral: 1150 mg/kg, STA Inhalation mists/powders: 0,051 mg/l

REACH Reg. 01-2120761540-60 1,2-Benzisothiazol-3(2H)-one (ECHA)

INDEX 613-088-00-6 0 ≤ x < 0,05 Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, Skin Sens. 1 H317,

Aquatic Acute 1 H400 M=1

EC 220-120-9 Skin Sens. 1 H317: ≥ 0,05%

CAS 2634-33-5 LD50 Oral: 1150 mg/kg

REACH Reg. 01-2120761540-60

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]

(3:1)

INDEX 613-167-00-5 0 ≤ x < 0,0015 Acute Tox. 2 H310, Acute Tox. 2 H330, Acute Tox. 3 H301, Skin Corr. 1C

H314, Eye Dam. 1 H318, Skin Sens. 1 H317, Aquatic Acute 1 H400 M=100,

Aquatic Chronic 1 H410 M=100, EUH071

EC 611-341-5 Skin Corr. 1C H314: ≥ 0,6%, Skin Irrit. 2 H315: ≥ 0,06%, Skin Sens. 1 H317: ≥

0,0015%, Eye Dam. 1 H318: ≥ 0,6%, Eye Irrit. 2 H319: ≥ 0,06%

CAS 55965-84-9 STA Oral: 100 mg/kg, STA Dermal: 50,001 mg/kg, STA Inhalation vapours:

0,501 mg/l

REACH Reg. 01-2120764691-48

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### **SECTION 4. First aid measures**

#### 4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

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

Specific information on symptoms and effects caused by the product are unknown.

## 4.3. Indication of any immediate medical attention and special treatment needed

Information not available



# KRAFT TOTAL PROOF PU HYBRID White

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 3 / 11

# **SECTION 5. Firefighting measures**

### 5.1. Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT

The extinguishing equipment should be of the conventional kind: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING EQUIPMENT

None in particular.

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

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE Do not breathe combustion products.

#### 5.3. Advice for firefighters

#### **GENERAL INFORMATION**

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

# **SECTION 6. Accidental release measures**

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

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

## 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

#### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

#### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

# **SECTION 7. Handling and storage**

### 7.1. Precautions for safe handling

Before handling the product, consult all the other sections of this material safety data sheet. Avoid leakage of the product into the environment. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat.

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

Store only in the original container. Store the containers sealed, in a well ventilated place, away from direct sunlight. Keep containers away from any incompatible materials, see section 10 for details.

## 7.3. Specific end use(s)

Information not available



# **KRAFT TOTAL PROOF PU HYBRID White**

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 4 / 11

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

#### 8.1. Control parameters

ROU

GBR

Regulatory references:

BGR България НАРЕДБА № 13 ОТ 30 ДЕКЕМВРИ 2003 Г. ЗА ЗАЩИТА НА РАБОТЕЩИТЕ ОТ РИСКОВЕ,

СВЪРЗАНИ С ЕКСПОЗИЦИЯ НА ХИМИЧНИ АГЕНТИ ПРИ РАБОТА (изм. ДВ. бр.5 от 17

Януари 2020г.)

DEU Deutschland Forschungsgemeinschaft MAK- und BAT-Werte-Liste 2022 Ständige Senatskommission zur

Prüfung gesundheitsschädlicher Arbeitsstoffe Mitteilung 58

GRC Ελλάδα Π.Δ. 26/2020 (ΦΕΚ 50/Α` 6.3.2020) Εναρμόνιση της ελληνικής νομοθεσίας προς τις διατάξεις των

οδηγιών 2017/2398/ΕΕ, 2019/130/ΕΕ και 2019/983/ΕΕ «για την τροποποίηση της οδηγίας 2004/37/ΕΚ "σχετικά με την προστασία των εργαζομένων από τους κινδύνους που συνδέονται με

την έκθεση σε καρκινογόνους ή μεταλλαξιγόνους παράγοντες κατά την εργασία"»

Την εκθεση σε καρκινογονους η μεταλλαζιγονους παραγοντες κατά την εργασία »

Hotărârea nr. 53/2021 pentru modificarea hotărârii guvernului nr. 1.218/2006, precum și pentru

modificarea și completarea hotărârii guvernului nr. 1.093/2006

United Kingdom EH40/2005 Workplace exposure limits (Fourth Edition 2020)

TLV-ACGIH ACGIH 2023

# Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no.

220-239-6] (3:1)

România

Threshold Lim	iit Value					
Type	Country	TWA/8h		STEL/15	min	Remarks / Observations
		mg/m3	ppm	mg/m3	ppm	
AGW	DEU	0,05				SKIN

		1-isopro	pyl-2,2-dimeth	yltrimethylene	diisobutyrate				
Predicted no-effect co	ncentration	- PNEC			_				
Normal value in fresh		0,014	mg/l						
Normal value in marine water						0,0014	mg/l		
Normal value for fresh water sediment							mg/kg		
Normal value for marine water sediment							mg/kg		
Health - Derived no-eff	ect level - D	ONEL / DMEL							
Effects on consumers					Effects on wor	kers	ers		
Route of exposure	Acute	Acute	Chronic	Chronic	Acute local	Acute	Chronic	Chronic	
	local	systemic	local	systemic		systemic	local	systemic	
Oral			VND	18,8					
				mg/kg bw/d					
Inhalation			VND	32,6			VND	110	
				mg/m3				mg/m3	
Skin			VND	18,8			VND	31,2	
				mg/kg bw/d				mg/kg	
				_				bw/d	

TITANIUM DIOXIDE										
Threshold Limit	Value									
Type	Country	TWA/8h		STEL/15min		Remarks / C	bservations			
		mg/m3	ppm	mg/m3	ppm					
TLV	BGR	10				RESP				
MAK	DEU	0,3		2,4		RESP	Hinweis			
TLV	GRC		10							
TLV	ROU	10		15						
WEL	GBR	10				INHAL				
WEL	GBR	4				RESP				
TLV-ACGIH		0,2				RESP				

Legend

 $(C) = CEILING \hspace*{0.2cm} ; \hspace*{0.2cm} INHAL = Inhalable \hspace*{0.2cm} Fraction \hspace*{0.2cm} ; \hspace*{0.2cm} RESP = Respirable \hspace*{0.2cm} Fraction \hspace*{0.2cm} ; \hspace*{0.2cm} THORA = Thoracic \hspace*{0.2cm} Fraction.$ 

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is



# KRAFT TOTAL PROOF PU HYBRID White

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 5 / 11

# SECTION 8. Exposure controls/personal protection .../>>

well aired through effective local aspiration.

HAND PROTECTION

Protect hands with category III work gloves.

The following should be considered when choosing work glove material (see standard EN 374): compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

SKIN PROTECTION

Wear category I professional long-sleeved overalls and safety footwear (see Regulation 2016/425 and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

**EYE PROTECTION** 

Wear airtight protective goggles (see standard EN ISO 16321).

RESPIRATORY PROTECTION

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. Use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (see standard EN 14387).

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529. **ENVIRONMENTAL EXPOSURE CONTROLS** 

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

# **SECTION 9. Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

**Properties** Value Information Appearance liquid Temperature: 25 °C Colour white Temperature: 25 °C Odour characteristic Melting point / freezing point not available Initial boiling point not available Flammability not available Lower explosive limit not available Upper explosive limit not available Flash point 60 °C Auto-ignition temperature not available not available Decomposition temperature 8,5-9,5

1200-3750 mm2/s Kinematic viscosity

Dynamic viscosity 100-140 KU

Solubility soluble in water Partition coefficient: n-octanol/water not available Vapour pressure not available

Density and/or relative density 1,25-1,35 g/cm3

Relative vapour density not available not applicable Particle characteristics

Concentration: 100 %

Temperature: 25 °C

Method:Converting Formula from Dynamic Density

Viscosity

Temperature: 25 °C Method: ASTM D 562-05 Temperature: 25 °C

Method:ISO 2811 Temperature: 25 °C

### 9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

Total solids (250°C / 482°F) 61,50 %



# **KRAFT TOTAL PROOF PU HYBRID White**

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 6 / 11

# **SECTION 10. Stability and reactivity**

#### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

#### 10.2. Chemical stability

The product is stable in normal conditions of use and storage.

#### 10.3. Possibility of hazardous reactions

No hazardous reactions are foreseeable in normal conditions of use and storage.

#### 10.4. Conditions to avoid

None in particular. However the usual precautions used for chemical products should be respected.

### 10.5. Incompatible materials

Information not available

#### 10.6. Hazardous decomposition products

Information not available

# **SECTION 11. Toxicological information**

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Metabolism, toxicokinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Information not available

Interactive effects

Information not available

# **ACUTE TOXICITY**

ATE (Inhalation) of the mixture:

ATE (Oral) of the mixture:

Not classified (no significant component)

Not classified (no significant component)

ATE (Dermal) of the mixture:

Not classified (no significant component)

1,2-Benzisothiazol-3(2H)-one (ECHA)

LD50 (Dermal): > 2000 mg/kg Rat LD50 (Oral): 1150 mg/kg Mouse

1,2-Benzisothiazol-3(2H)-one (BW20)

LD50 (Dermal): > 2000 mg/kg Rat LD50 (Oral): 1150 mg/kg Mouse

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6]

(3:1)

LD50 (Dermal): 1000 mg/kg Rat

STA (Dermal): 50,001 mg/kg estimate from table 3.1.2 of Annex I of the CLP

(figure used for calculation of the acute toxicity estimate of the mixture)

LD50 (Oral): 550 mg/kg Rat LC50 (Inhalation vapours): 0,31 mg/l Rat



# KRAFT TOTAL PROOF PU HYBRID White

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 7 / 11

## SECTION 11. Toxicological information .../>>

1-isopropyl-2,2-dimethyltrimethylene diisobutyrate

LD50 (Dermal): > 2000 mg/kg Rat > 2000 mg/kg Rat LD50 (Oral): > 0,12 mg/l/6h Rat LC50 (Inhalation vapours):

TITANIUM DIOXIDE

LD50 (Oral): > 10000 mg/kg Rat

#### SKIN CORROSION / IRRITATION

Does not meet the classification criteria for this hazard class

### SERIOUS EYE DAMAGE / IRRITATION

Does not meet the classification criteria for this hazard class

## RESPIRATORY OR SKIN SENSITISATION

May produce an allergic reaction.

Contains:

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1) 1,2-Benzisothiazol-3(2H)-one (ECHA)

#### **GERM CELL MUTAGENICITY**

Does not meet the classification criteria for this hazard class

#### **CARCINOGENICITY**

Does not meet the classification criteria for this hazard class

## REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

## STOT - SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

# STOT - REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

#### **ASPIRATION HAZARD**

Does not meet the classification criteria for this hazard class

### 11.2. Information on other hazards

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with human health effects under evaluation.

# **SECTION 12. Ecological information**

Use this product according to good working practices. Avoid littering. Inform the competent authorities, should the product reach waterways or contaminate soil or vegetation.

## 12.1. Toxicity

1,2-Benzisothiazol-3(2H)-one (ECHA)

0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα) LC50 - for Fish EC50 - for Algae / Aquatic Plants 4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)

1,2-Benzisothiazol-3(2H)-one (BW20)

I C50 - for Fish 0,8 mg/l/96h Oncorhynchus mykiss (Ιριδίζουσα πέστροφα) EC50 - for Algae / Aquatic Plants 4,4 mg/l/72h Daphnia magna (Νερόψυλλος ο μέγας)



# KRAFT TOTAL PROOF PU HYBRID White

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 8 / 11

## SECTION 12. Ecological information .../>>

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

LC50 - for Fish

C50 - for Algae / Aquatic Plants

O,58 mg/l/96h

O,161 mg/l/72h

Chronic NOEC for Algae / Aquatic Plants

O,032 mg/l 96h

O,032 mg/l 96h

1-isopropyl-2,2-dimethyltrimethylene diisobutyrate

EC50 - for Algae / Aquatic Plants > 7,49 mg/l/72h
Chronic NOEC for Fish > 6 mg/l
Chronic NOEC for Crustacea > 1,46 mg/l

#### 12.2. Persistence and degradability

Reaction mass of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1)

NOT rapidly degradable 30 %, Exposure time: 28 d, OECD Test Guideline 301B

TITANIUM DIOXIDE

Solubility in water < 0,001 mg/l

Degradability: information not available

### 12.3. Bioaccumulative potential

1-isopropyl-2,2-dimethyltrimethylene diisobutyrate

Partition coefficient: n-octanol/water 4,04 Log Kow BCF 1,95

12.4. Mobility in soil

Information not available

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

On the basis of available data, the product does not contain any PBT or vPvB in percentage ≥ than 0,1%.

## 12.6. Endocrine disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with environmental effects under evaluation.

### 12.7. Other adverse effects

Information not available

# **SECTION 13. Disposal considerations**

# 13.1. Waste treatment methods

Reuse, when possible. Neat product residues should be considered special non-hazardous waste.

Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.

CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

# **SECTION 14. Transport information**

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

## 14.1. UN number or ID number

not applicable

### 14.2. UN proper shipping name

not applicable



# **KRAFT TOTAL PROOF PU HYBRID White**

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 9 / 11

## SECTION 14. Transport information .../>>

# 14.3. Transport hazard class(es)

not applicable

### 14.4. Packing group

not applicable

#### 14.5. Environmental hazards

not applicable

# 14.6. Special precautions for user

not applicable

#### 14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

# **SECTION 15. Regulatory information**

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

Seveso Category - Directive 2012/18/EU:

None

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

**Product** 

Point 40
Contained substance
Point 75

Regulation (EU) 2019/1148 - on the marketing and use of explosives precursors

not applicable

Substances in Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain any SVHC in percentage ≥ than 0,1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Healthcare controls

Information not available

### 15.2. Chemical safety assessment

A chemical safety assessment has not been performed for the preparation/for the substances indicated in section 3.

# **SECTION 16. Other information**

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Repr. 2 Reproductive toxicity, category 2

#### ΕN



# **DRUCKFARBEN HELLAS SA**

# KRAFT TOTAL PROOF PU HYBRID White

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 10 / 11

#### SECTION 16. Other information .../>>

Acute Tox. 2
Acute toxicity, category 2
Acute Tox. 3
Acute toxicity, category 3
Acute Tox. 4
Acute toxicity, category 4
Skin Corr. 1C
Skin corrosion, category 1C
Eye Dam. 1
Skin Irrit. 2
Skin sensitization, category 2
Skin Sens. 1
Acute toxicity, category 4
Skin corrosion, category 4
Skin corrosion, category 1
Skin sensitization, category 1
Skin sensitization, category 1

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1
Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1

H361d Suspected of damaging the unborn child.

H310 Fatal in contact with skin.
H330 Fatal if inhaled.
H301 Toxic if swallowed.
H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H318 Causes serious eye damage.

**H315** Causes skin irritation.

H317 May cause an allergic skin reaction.

**H400** Very toxic to aquatic life.

**H410** Very toxic to aquatic life with long lasting effects.

EUH071 Corrosive to the respiratory tract.
EUH210 Safety data sheet available on request.

### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- ATE: Acute Toxicity Estimate
- CAS: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE: Identifier in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, bioaccumulative and toxic
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PMT: Persistent, mobile and toxic
- PNEC: Predicted no effect concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA: Time-weighted average exposure limit
- TWA STEL: Short-term exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very persistent and very bioaccumulative
- vPvM: Very persistent and very mobile
- WGK: Water hazard classes (German).

#### **GENERAL BIBLIOGRAPHY**

- 1. Regulation (EC) 1907/2006 (REACH) of the European Parliament
- 2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
- 3. Regulation (EU) 2020/878 (II Annex of REACH Regulation)
- 4. Regulation (EC) 790/2009 (I Atp. CLP) of the European Parliament
- 5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
- 6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
- 7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- 11. Regulation (EU) 2016/918 (VIII Atp. CLP) of the European Parliament



# KRAFT TOTAL PROOF PU HYBRID White

Revision nr.1 Dated 21/02/2024 First compilation Printed on 21/02/2024 Page n. 11 / 11

#### SECTION 16. Other information .../>>

- 12. Regulation (EU) 2016/1179 (IX Atp. CLP)
- 13. Regulation (EU) 2017/776 (X Atp. CLP)
- 14. Regulation (EU) 2018/669 (XI Atp. CLP)
- 15. Regulation (EU) 2019/521 (XII Atp. CLP)
- 16. Delegated Regulation (UE) 2018/1480 (XIII Atp. CLP)
- 17. Regulation (EU) 2019/1148
- 18. Delegated Regulation (UE) 2020/217 (XIV Atp. CLP)
- 19. Delegated Regulation (UE) 2020/1182 (XV Atp. CLP)
- 20. Delegated Regulation (UE) 2021/643 (XVI Atp. CLP)
- 21. Delegated Regulation (UE) 2021/849 (XVII Atp. CLP)
- 22. Delegated Regulation (UE) 2022/692 (XVIII Atp. CLP)
- 23. Delegated Regulation (UE) 2023/707
- The Merck Index. 10th Edition
- Handling Chemical Safety
- INRS Fiche Toxicologique (toxicological sheet)
- Patty Industrial Hygiene and Toxicology
- N.I. Sax Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA website
- Database of SDS models for chemicals Ministry of Health and ISS (Istituto Superiore di Sanità) Italy

#### Note for users:

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

#### CALCULATION METHODS FOR CLASSIFICATION

Chemical and physical hazards: Product classification derives from criteria established by the CLP Regulation, Annex I, Part 2. The data for evaluation of chemical-physical properties are reported in section 9.

Health hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 3, unless determined otherwise in Section 11

Environmental hazards: Product classification is based on calculation methods as per Annex I of CLP, Part 4, unless determined otherwise in Section 12.