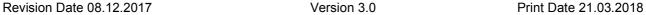
according to Regulation (EC) No. 1907/2006

## Frioplast® HC UK



# Sika<sup>®</sup>

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

#### 1.1 Product identifier

Trade name : Frioplast® HC UK

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

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

Company : Sika Limited

Watchmead

Welwyn Garden City Hertfordshire AL7 1BQ United Kingdom

Telephone : +44 (0)1707 394444

#### 1.4 Emergency telephone number

Emergency telephone num-

: +44 (0)1707 363899 (available during office hours)

ber

#### **SECTION 2: Hazards identification**

#### 2.1 Classification of the substance or mixture

Type of product : Mixture

#### Classification (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

#### 2.2 Label elements

#### Labelling (REGULATION (EC) No 1272/2008)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

## **Additional Labelling:**

EUH210 Safety data sheet available on request.

EUH208 Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

#### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher. Contains a biocide in order to protect the product. Active ingredient: glutaral, 111-30-8. Please use biocides responsibly.

according to Regulation (EC) No. 1907/2006

## Frioplast® HC UK



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

#### 3.2 Mixtures

#### **Hazardous components**

Chemical name CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration [%]
2-octyl-2H-isothiazol-3-one 26530-20-1 247-761-7	Acute Tox.4; H302 Acute Tox.3; H331 Acute Tox.3; H311 Skin Corr.1B; H314 Eye Dam.1; H318 Skin Sens.1A; H317 Aquatic Acute1; H400 Aquatic Chronic1; H410	>= 0,0025 - < 0,025

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

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

If inhaled : Move to fresh air.

In case of skin contact : Take off contaminated clothing and shoes immediately.

Wash off with soap and plenty of water.

In case of eye contact : Remove contact lenses.

Keep eye wide open while rinsing.

If swallowed : Do not induce vomiting without medical advice.

Rinse mouth with water.

Do not give milk or alcoholic beverages.

Never give anything by mouth to an unconscious person.

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

Symptoms : See Section 11 for more detailed information on health effects

and symptoms.

Risks : No known significant effects or hazards.

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

Treatment : Treat symptomatically.

according to Regulation (EC) No. 1907/2006

## Frioplast® HC UK





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## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

: In case of fire, use water/water spray/water jet/carbon diox-Suitable extinguishing media

ide/sand/foam/alcohol resistant foam/chemical powder for

extinction.

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

ucts

Hazardous combustion prod: No hazardous combustion products are known

#### 5.3 Advice for firefighters

for firefighters

Special protective equipment : In the event of fire, wear self-contained breathing apparatus.

Further information : Standard procedure for chemical fires.

#### **SECTION 6: Accidental release measures**

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

Personal precautions : For personal protection see section 8.

#### 6.2 Environmental precautions

**Environmental precautions** : No special environmental precautions required.

## 6.3 Methods and materials for containment and cleaning up

Methods for cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).

Keep in suitable, closed containers for disposal.

#### 6.4 Reference to other sections

For personal protection see section 8.

#### **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

Advice on safe handling : For personal protection see section 8. No special handling

advice required. Follow standard hygiene measures when

handling chemical products

Advice on protection against

fire and explosion

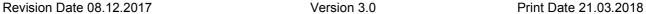
: Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.

Country 000000601930

according to Regulation (EC) No. 1907/2006

## Frioplast® HC UK





## 7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers

: Keep container tightly closed in a dry and well-ventilated

place. Store in accordance with local regulations.

Advice on common storage : No special restrictions on storage with other products.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Consult most current local Product Data Sheet prior to any

use.

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

#### 8.1 Control parameters

Contains no substances with occupational exposure limit values.

#### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Safety glasses

Hand protection : Chemical-resistant, impervious gloves complying with an ap-

proved standard must be worn at all times when handling chemical products. Reference number EN 374. Follow manu-

facturer specifications.

Butyl rubber/nitrile rubber gloves (0,4 mm),

Recommended: Butyl rubber/nitrile rubber gloves.

Skin and body protection : Protective clothing (e.g. Safety shoes acc. to EN ISO 20345,

long-sleeved working clothing, long trousers). Rubber aprons and protective boots are additionally recommended for mixing

and stirring work.

Respiratory protection : No special measures required.

#### **Environmental exposure controls**

General advice : No special environmental precautions required.

according to Regulation (EC) No. 1907/2006

# Frioplast® HC UK





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

9.1 Information on basic physical and chemical properties

Appearance : liquid
Colour : brown

Odour : characteristic

Odour Threshold : No data available

Flash point : Not applicable

Autoignition temperature : No data available

Decomposition temperature : No data available

Lower explosion limit (Vol-%) : No data available

Upper explosion limit (Vol-%) : No data available

Flammability : No data available

Explosive properties : No data available

Oxidizing properties : No data available

pH : 5

Melting point/range / Freez-

ing point

: No data available

Boiling point/boiling range : No data available

Vapour pressure : 23 hPa

Density : 1,195 g/cm3

at 20 °C

Water solubility : soluble

Partition coefficient: n-

octanol/water

: No data available

Viscosity, dynamic : No data available

Viscosity, kinematic : > 7 mm2/s at 40 °C

at 40 °C

Relative vapour density : No data available

Evaporation rate : No data available

according to Regulation (EC) No. 1907/2006

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#### 9.2 Other information

No data available

#### **SECTION 10: Stability and reactivity**

#### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

#### 10.2 Chemical stability

The product is chemically stable.

#### 10.3 Possibility of hazardous reactions

Hazardous reactions : No hazards to be specially mentioned.

#### 10.4 Conditions to avoid

Conditions to avoid : No data available

#### 10.5 Incompatible materials

Materials to avoid : No data available

#### 10.6 Hazardous decomposition products

#### **SECTION 11: Toxicological information**

#### 11.1 Information on toxicological effects

#### **Acute toxicity**

Not classified based on available information.

#### Skin corrosion/irritation

Not classified based on available information.

#### Serious eye damage/eye irritation

Not classified based on available information.

## Respiratory or skin sensitisation

Skin sensitisation: Not classified based on available information.

Respiratory sensitisation: Not classified based on available information.

## Germ cell mutagenicity

Not classified based on available information.

#### Carcinogenicity

Not classified based on available information.

#### Reproductive toxicity

Not classified based on available information.

#### STOT - single exposure

Not classified based on available information.

according to Regulation (EC) No. 1907/2006

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#### STOT - repeated exposure

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.

## **SECTION 12: Ecological information**

## 12.1 Toxicity

#### **Components:**

## 2-octyl-2H-isothiazol-3-one:

M-Factor (Acute aquatic tox- : 10

icity)

M-Factor (Chronic aquatic

toxicity)

#### 12.2 Persistence and degradability

No data available

#### 12.3 Bioaccumulative potential

No data available

#### 12.4 Mobility in soil

No data available

#### 12.5 Results of PBT and vPvB assessment

#### **Product:**

Assessment : This substance/mixture contains no components considered

to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of

0.1% or higher.

#### 12.6 Other adverse effects

#### **Product:**

Additional ecological infor-

mation

: There is no data available for this product.

## **SECTION 13: Disposal considerations**

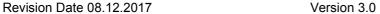
#### 13.1 Waste treatment methods

Product : The generation of waste should be avoided or minimized

wherever possible.

according to Regulation (EC) No. 1907/2006

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Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe way.

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

## **SECTION 14: Transport information**

#### 14.1 UN number

Not regulated as a dangerous good

#### 14.2 UN proper shipping name

Not regulated as a dangerous good

#### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

#### 14.4 Packing group

Not regulated as a dangerous good

#### 14.5 Environmental hazards

Not regulated as a dangerous good

#### 14.6 Special precautions for user

No data available

## 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

#### **Prohibition/Restriction**

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII)

: Not applicable

according to Regulation (EC) No. 1907/2006

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REACH - Candidate List of Substances of Very High : None of the components are listed

Concern for Authorisation (Article 59). (=> 0.1 %).

REACH - List of substances subject to authorisation : Not applicable

(Annex XIV)

REACH Information: All substances contained in our Products are

- preregistered or registered by our upstream suppliers, and/or

preregistered or registered by us, and/or
excluded from the regulation, and/or
exempted from the registration.

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

VOC-CH (VOCV) : < 0,01 %

no VOC duties

VOC-EU (solvent) : 0,1 %

## 15.2 Chemical safety assessment

No Chemical Safety Assment has been carried out for this mixture by the supplier.

#### **SECTION 16: Other information**

#### **Full text of H-Statements**

H302	Harmful if swallowed.
H311	Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction. H318 Causes serious eye damage.

H331 Toxic if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

#### Full text of other abbreviations

Acute Tox. Acute toxicity

Aquatic Acute Acute aquatic toxicity
Aquatic Chronic Chronic aquatic toxicity
Eye Dam. Serious eye damage
Skin Corr. Skin corrosion
Skin Sens. Skin sensitisation

ADR Accord européen relatif au transport international des marchandises

Dangereuses par Route

CAS Chemical Abstracts Service DNEL Derived no-effect level

EC50 Half maximal effective concentration

according to Regulation (EC) No. 1907/2006

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GHS IATA	Globally Harmonized System International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50	Median lethal dosis (the amount of a material, given all at once, which causes the death of 50% (one half) of a group of test animals)
LC50	Median lethal concentration (concentrations of the chemical in air that
	kills 50% of the test animals during the observation period)
MARPOL	International Convention for the Prevention of Pollution from Ships,
	1973 as modified by the Protocol of 1978
OEL	Occupational Exposure Limit
PBT	Persistent, bioaccumulative and toxic
PNEC	Predicted no effect concentration
REACH	Regulation (EC) No 1907/2006 of the European Parliament and of the
	Council of 18 December 2006 concerning the Registration, Evaluation,
	Authorisation and Restriction of Chemicals (REACH), establishing a
	European Chemicals Agency
SVHC	Substances of Very High Concern
vPvB	Very persistent and very bioaccumulative

The information contained in this Safety Data Sheet corresponds to our level of knowledge at the time of publication. All warranties are excluded. Our most current General Sales Conditions shall apply. Please consult the product data sheet prior to any use and processing.

Changes as compared to previous version!