

Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

### Section 1: Identification of the Product and Company Identification

#### 1.1. Product Identifier

**Product Name:** ClassicBond Lap Sealant

**Product Code:** 302174

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

**Identified uses** Sealant for EPDM Single-Ply Roofing Membranes. Product for professional use

Uses advised against No additional information available

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

Suppliers: Flex-R

Sandswood House Hillbottom Road Sands Industrial Estate High Wycombe

Buckinghamshire HP12 4HJ

Tel: 01494 448792 Fax: 01494 858433 Email: eng@ClassicBond.co.uk

### 1.4. Emergency telephone number

**Emergency telephone** 01494 448792 (NOT 24HRS Monday-Thursday 08.30 - 17.30

Friday 08.30 - 16.30)

#### SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture

#### **Classification**

Flam. Liq. 2 H225 STOT SE 3 H336 Aquatic Chronic 2 H411

Full text of hazard classes and H-statements : see section 16

## Adverse physicochemical, human health and environmental effects

No additional information available

#### 2.2. Label elements

## Hazard pictograms (CLP)







GHS07

GHS09



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Signal word (CLP) Danger

Hazardous ingredients : Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics

Hazard statements (CLP) : H225 - Highly flammable liquid and vapour.

H336 - May cause drowsiness or dizziness.

H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements (CLP) : P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking.

P233 - Keep container tightly closed.

P240 - Ground and bond container and receiving equipment. P241 - Use explosion-proof electrical/ventilating/lighting

equipment. P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 - Use only outdoors or in a well-ventilated area.

#### 2.3. Other hazards

This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Not applicable

## 3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	(EC No.) 920-750-0 (REACH-no) 01-2119473851-33	20 – 50	Flam. Liq. 2, H225 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Chronic 2, H411
Silicon dioxide	(CAS-No.) 7631-86-9 (EC No.) 231-545-4	1 - 3	Not classified
Carbon black	(CAS-No.) 1333-86-4 (EC No.) 215-609-9	1 - 3	Not classified
Butene, homopolymer (products derived from either/or But- 1-ene/But-2-ene)	(CAS-No.) 9003-29-6 (EC No.) 500-004-7	1 - 5	Skin Irrit. 2, H315 Asp. Tox. 1, H304
Mica	(CAS-No.) 12001-26-2 (EC No.) 310-127-6	0.1 - 1	Not classified
Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene	(CAS-No.) 68610-51-5 (EC No.) 271-867-2	0.1 - 1	Repr. 2, H361 Aquatic Chronic 4, H413

The Full Text for all Hazard Statements are Displayed in Section 16.



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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

#### 4.1. Description of first aid measures

General information Never give anything by mouth to an unconscious person. If you feel unwell, seek

medical advice (show the label where possible).

**Inhalation** Remove victim to fresh air and keep at rest in a position comfortable for

breathing. If symptoms develop, obtain medical attention.

**Skin contact** Immediately remove contaminated clothing or footwear. Rinse skin with plenty of

water or shower. If skin irritation or rash occurs: Get medical advice/attention.

**Eye contact** Rinse cautiously with water for several minutes. Ensure that folded skin of

eyelids is thoroughly washed with water. Remove contact lenses, if present and

easy to do. Continue rinsing. If eye irritation persists: Get medical

advice/attention.

**Ingestion** Do NOT induce vomiting. Rinse mouth. Give 100 - 200 ml of water to drink. Do

not give an unconscious person anything to drink. Obtain immediate medical

attention.

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

**Inhalation** May cause drowsiness or dizziness.

Skin contact Causes skin irritation.

Eye contact May cause eye irritation.

**Ingestion** Ingestion may cause irritation of the gastrointestinal tract.

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

Notes for the doctor Treat symptomatically.

#### **SECTION 5: Firefighting measures**

## 5.1. Extinguishing media

Suitable extinguishing media Dry chemical. Foam. Carbon dioxide.

Unsuitable extinguishing

media

Do not use water jet. Water may be ineffective.

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

Fire hazard Highly flammable liquid and vapour. Vapours are heavier than air and may travel

considerable distance to an ignition source and flash back to source of vapours.

**Explosion hazard** Containers may rupture when heated.

Hazardous decomposition products in case of fire

Fire may produce irritating, corrosive and/or toxic gases. Carbon monoxide.

Carbon dioxide.

#### 5.3. Advice for firefighters



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

**Firefighting instructions**Use water spray or fog for cooling exposed containers. Exercise caution when

fighting any chemical fire. Do not allow run-off from firefighting to enter drains or

water courses.

Special protective equipment

for firefighters

Fire fighters should wear complete protective clothing including self-contained

breathing apparatus.

#### SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

**Emergency procedures** Remove all sources of ignition. Evacuate unnecessary personnel. Ensure

adequate ventilation.

#### 6.1.2. For emergency responders

**Protective equipment** Wear suitable protective clothing and eye or face protection.

**Emergency procedures** Remove all sources of ignition. Use only non-sparking tools. Beware of vapours

accumulating to form explosive concentrations. Vapours can accumulate in low areas. Ensure adequate ventilation. Avoid inhalation of vapours. Avoid contact

with skin and eyes.

#### 6.2. Environmental precautions

**Environmental precautions** Avoid release to the environment. Prevent entry to sewers and public waters.

Notify authorities if large amounts of the product enters sewers or public waters.

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

**Methods for cleaning up**Absorb with earth, sand or other non-combustible material, allow to cure, and

transfer to containers for later disposal. Wash spill area with soapy water.

Washings must be prevented from entering surface water drains.

#### 6.4. Reference to other sections

Reference to other sections SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal

considerations.

## SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Precautions for safe handling** Keep away from heat, hot surfaces, sparks, open flames and other ignition

sources. No smoking. Ensure equipment is adequately grounded. Use only explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact during pregnancy/while nursing. Provide adequate ventilation. Use only outdoors or in a well-ventilated area. Avoid inhalation of vapours. Avoid contact

with skin, eyes and clothing.



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Hygiene measures Do not eat, drink or smoke when using this product. Handle in accordance with

good industrial hygiene and safety practice. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Contaminated work

clothing should not be allowed out of the workplace.

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

**Technical measures** Keep away from open flames, hot surfaces and sources of ignition.

Storage conditions Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Store in a dry place. Keep cool.

Incompatible materials Strong acids. Strong alkalis. Strong oxidizing agents.

7.3. Specific end use(s)

Specific end use(s) Sealant for EPDM Single-Ply Roofing Membranes. Product for industrial use

only.

#### SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

#### Occupational exposure limits

Silicon dioxide (7631-86-9)	
Ireland - Occupational Exposure Limits	
Local name	Silica, amorphous
OEL (8 hours ref) (mg/m³)	6 mg/m³ total inhalable dust 2.4 mg/m³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Silica, amorphous
WEL TWA (mg/m³)	6 mg/m³ inhalable dust 2.4 mg/m³ Respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Calcium carbonate (1317-65-3)	
reland - Occupational Exposure Limits	
Local name	Calcium carbonate
OEL (8 hours ref) (mg/m³)	10 mg/m³ total inhalable dust 4 mg/m³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Calcium carbonate



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Calcium carbonate (1317-65-3)	
WEL TWA (mg/m³)	10 mg/m³ inhalable dust 4 mg/m³ respirable 4 mg/m³ Limestone, respirable 10 mg/m³ Limestone, total inhalable 4 mg/m³ Marble, respirable 10 mg/m³ Marble, total inhalable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Carbon black (1333-86-4)	
Ireland - Occupational Exposure Limits	
Local name	Carbon black
OEL (8 hours ref) (mg/m³)	3 mg/m³ I (Inhalable)
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Carbon black
WEL TWA (mg/m³)	3.5 mg/m³
WEL STEL (mg/m³)	7 mg/m³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Mica (12001-26-2)	
Ireland - Occupational Exposure Limits	
Local name	Mica
OEL (8 hours ref) (mg/m³)	10 mg/m³ total inhalable dust 0.8 mg/m³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Mica
WEL TWA (mg/m³)	0.8 mg/m³ respirable 10 mg/m³ total inhalable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

## 8.2. Exposure controls

**Appropriate engineering** Provide adequate ventilation. Emergency eye wash fountains should be

**controls** available in the immediate vicinity of any potential exposure.

**Eye protection** Chemical goggles or face shield. Standard EN 166 - Personal eye-protection.

**Hand protection** Wear chemically resistant protective gloves. Standard EN 374 - Protective

gloves against chemicals. Gloves should be removed and replaced if there are

any signs of degradation or breakthrough.

Other skin and body Long sleeved protective clothing.



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

protection

Respiratory protection In case of insufficient ventilation, wear suitable respiratory equipment.

**Environmental exposure** 

controls

Avoid release to the environment.

Thermal hazard protection Not required for normal conditions of use.

Other information Do not eat, drink or smoke during use. Handle in accordance with good

industrial hygiene and safety procedures. Contaminated work clothing should

not be allowed out of the workplace.

## **SECTION 9: Physical and Chemical Properties**

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

Physical state : Liquid

: Viscous, Paste. **Appearance** 

Colour : Black.

Odour : Hydrocarbon. Odour threshold : No data available : No data available Ηq

: 3.5 Relative evaporation rate

(butylacetate=1)

Melting point : < 18 °C : < 18 °C Freezing point Boiling point : 119 - 185 °C Flash point

: 4.4 °C (Tag closed

cup)

Auto-ignition temperature : 230 °C

Decomposition temperature : No data available Flammability (solid, gas) : Not applicable Vapour pressure : 8.27 mm Hg Relative vapour density at 20 °C : 4 (Air = 1)

Relative density : 1.03 - 1.04 (Water =

1)

Solubility : Insoluble in water. : No data available Log Pow : No data available Viscosity, kinematic Viscosity, dynamic : 1100000 mPa·s Explosive properties : Not explosive. Oxidising properties : Not oxidising. : 0.8 - 6.7 vol % **Explosive limits** 

#### 9.2. Other information

**VOC** content 390 - 400 g/l

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

**Reactivity** Stable under normal conditions.

10.2. Chemical stability

**Stability** Stable under normal conditions.

10.3. Possibility of hazardous reactions

Possibility of hazardous None known

reactions

10.4. Conditions to avoidConditions to avoidIgnition sources. Extremely high or low temperatures.

10.5. Incompatible materials

Materials to avoid Strong oxidizing agents. Strong acids. Strong alkalis.

10.6. Hazardous decomposition products

**Hazardous decomposition** Fire may produce irritating, corrosive and/or toxic gases. Carbon monoxide.

**products** Carbon dioxide.

#### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Acute toxicity (oral) :Not classified
Acute toxicity (dermal) :Not classified
Acute toxicity (inhalation) :Not classified

Additional information :Based on available data, the classification criteria

are not met

Silicon dioxide (7631-86-9)	
LD50 oral, rat	> 5000 mg/kg bodyweight
LD50 dermal, rabbit	> 2000 mg/kg bodyweight
LC50 inhalation, rat (mg/l)	> 5.01 mg/l - 4 Hours (OECD 436 method)

Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene (68610-51-5)	
LD50 oral, rat	> 5000 mg/kg
LD50 dermal, rabbit	> 2000 mg/kg

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	
LD50 dermal, rat	2800 – 3100 mg/kg bodyweight
LC50 inhalation, rat (mg/l)	> 23.3 mg/l air

Skin corrosion/irritation :Not classified

Additional information :Based on available data, the classification criteria

are not met

Serious eye damage/irritation :Not classified

Additional information :Based on available data, the classification criteria



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

are not met

Respiratory or skin sensitisation :Not classified

Additional information :Based on available data, the classification criteria

are not met

Germ cell mutagenicity :Not classified

Additional information :Based on available data, the classification criteria

are not met

Carcinogenicity :Not classified

Additional information :Based on available data, the classification criteria

are not met

Silicon dioxide (7631-86-9)	
IARC group	3 - Not classifiable

Carbon black (1333-86-4)	
IARC group	2B - Possibly carcinogenic to humans

Reproductive toxicity :Not classified

Additional information :Based on available data, the classification criteria

are not met

STOT-single exposure :May cause drowsiness or dizziness.

STOT-repeated exposure :Not classified

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	
NOAEC (inhalation, rat, vapour, 90 days)	24.3 mg/l air Animal: rat, Guideline: OECD Guideline 413 (Subchronic Inhalation Toxicity: 90-Day Study)

Aspiration hazard :Not classified

Additional information :Based on available data, the classification criteria are not met

Potential adverse human health effects :May cause eye irritation. Vapours may cause drowsiness and

dizziness. Ingestion may

symptoms cause irritation of the gastrointestinal tract. May cause skin irritation.

Other information :This product contains crystalline silica, however this component is bound by the polymer portion of the sealant. Exposure to this

component would only occur if the product was incinerated.

#### **SECTION 12: Ecological Information**

#### **12.1. Toxicity**

Hazardous to the aquatic environment, short-term

(acute)

Hazardous to the aquatic environment, long-term (chronic)

· Not classified

: Toxic to aquatic life with long lasting effects.

and



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene (68610-51-5)		
LC50	> 0.2 mg/l (96 Hours, semi-static, Oncorhynchus mykiss (Rainbow trout))	
EC50	> 0.2 mg/l (48 Hours, semi-static, Daphnia magna)	
EC50	> 0.2 (48 Hours, static test, Pseudokirchnerella subcapitata)	

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics		
LOEC (chronic)	0.32 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	
NOEC (chronic)	0.17 mg/l Test organisms (species): Daphnia magna Duration: '21 d'	

#### 12.2. Persistence and degradability

Silicon dioxide (7631-86-9)	
Persistence and degradability	Not relevant for inorganic substances.

#### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

ClassicBond Lap Sealant	
Ecology - soil	Insoluble in water.

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

ClassicBond Lap Sealant
This substance/mixture does not meet the PBT criteria of REACH regulation, annex XIII
This substance/mixture does not meet the vPvB criteria of REACH regulation, annex XIII

## 12.6. Other adverse effects

Other adverse effects Avoid release to the environment

### **SECTION 13: Disposal considerations**

#### 13.1. Waste treatment methods

Waste treatment methods Dispose of this material and its container at hazardous or special waste

collection point.

Waste disposal Dispose in a safe manner in accordance with local/national regulations. Empty recommendations

containers should be taken to an approved waste handling site for recycling or

disposal.

## SECTION 14: Transport information



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

In accordance with ADR / IATA / IMDG

#### **14.1. UN number**

UN No. (ADR)	1133
UN-No. (IMDG)	1133
UN-No. (IATA)	1133

### 14.2. UN proper shipping name

Proper Shipping Name :ADHESIVES (

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)

Proper Shipping Name (IMDG) :ADHESIVES (

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)

Proper Shipping Name (IATA) :Adhesives (

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics)

Transport document description (ADR) :UN 1133 ADHESIVES (

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics), 3, II, (D/E),

**ENVIRONMENTALLY HAZARDOUS** 

Transport document description (IMDG) :UN 1133 ADHESIVES (

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics), 3, II, MARINE

POLLUTANT/ENVIRONMENTALLY HAZARDOUS

Transport document description (IATA) :UN 1133 Adhesives (

Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics), 3, II,

**ENVIRONMENTALLY HAZARDOUS** 

#### 14.3. Transport hazard class(es)

#### ADR

Transport hazard class(es) (ADR) : 3
Hazard labels : 3



#### IMDG

Transport hazard class(es) (IMDG) : 3
Danger labels (IMDG) : 3





Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

IATA

Transport hazard class(es) (IATA) : 3

Danger labels (IATA) : 3



## 14.4. Packing group

Packing group (IMDG) ||
Packing group (IATA) ||

### 14.5. Environmental hazards

Dangerous for the environment : Yes

Marine pollutant : Yes

Other information : No supplementary information

available

## 14.6. Special precautions for user

Special transport precautions : No special precautions required

**Overland transport** 

Tunnel restriction code (ADR) : D/E

Transport by sea No data available

Air transport

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

### 15.1.1. EU-Regulations

Authorisations and/or restrictions on use (Annex XVII):		
Reference code	Applicable on	Entry title or description
3.	Sure-Seal® Lap Sealant	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

3(a)	Sure-Seal® Lap Sealant ; Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.15 types A to F
3(b)	Sure-Seal® Lap Sealant; Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics; Butene, homopolymer (products derived from either/or But-1- ene/But-2-ene)	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development, 3.8 effects other than narcotic effects, 3.9 and 3.10
3(c)	Sure-Seal® Lap Sealant ; Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	Substances or mixtures fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: Hazard class 4.1

Contains no substance on the REACH candidate list Contains no REACH

Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

VOC content : 390 – 400 g/l

## 15.1.2. National regulations

National regulations No additional information available

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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

Indication of changes:			
Section	Changed item	Change	Comments
2	Classification	Modified	
3	Composition/information on ingredients	Modified	

Abbreviations and acronyms:		
	EC50 (Effective Concentration 50%)	
	LD50 (Lethal Dose 50%)	
	LC50 (Lethal Concentration 50%)	
	IATA (International Air Transport Association)	
	IMDG (International Maritime Dangerous Goods Code)	



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

IMO (International Maritime Organisation)	
IARC (International Agency for Research on Cancer)	
PBT (Persistent, Bioaccumulative and Toxic)	
OECD (Organisation for Economic Co-operation and Development)	
vPvB (very Persistent and very Bioaccumulative)	
REACH (Registration, Evaluation and Authorisation of CHemicals)	
PNEC (Predicted No Effect Concentration)	
EN (European Norm)	

Issued by Technical Revision date 18/11/2020

Data sources REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND

OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Classification according to Regulation (EC) No. 1272/2008 [CLP]:	
Flam. Liq. 2	H225
STOT SE 3	H336
Aquatic Chronic 2	H411

Full text of H- and EUH-statements:	
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Aquatic Chronic 4	Hazardous to the aquatic environment — Chronic Hazard, Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Flam. Liq. 2	Flammable liquids, Category 2
Repr. 2	Reproductive toxicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H361	Suspected of damaging fertility or the unborn child.
H411	Toxic to aquatic life with long lasting effects.
H413	May cause long lasting harmful effects to aquatic life.

NCEC SDS EU (REACH ANNEX II)



Revision Date: 18/11/2020 (V4)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

The information contained herein is based upon data and information available to us, and reflects our best professional judgment. This product may be formulated in part with components purchased from other companies. In many instances, especially when proprietary or trade secret materials are used. The Company must rely upon the hazard evaluation of such components submitted by that product's manufacturer or importer. No warranty of merchantability, fitness for any use, or any other warranty is expressed or implied regarding the accuracy of such data or information. The results to be obtained from the use thereof, or that any such use does not infringe any patent, since the information contained herein may be applied under conditions of use beyond our control and with which we may be unfamiliar, we do not assume responsibility for the results of such application. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular use