

Revision Date: 26/11/2020 (V2)

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 Water Cut Off Mastic
Product Code: 302196

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

Identified uses Elastomeric sealer for EPDM Single-Ply Roofing Membranes. Product for professional use only
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: enq@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
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H336
Aquatic Chronic 2	H411

2.2. Label elements

Pictogram



GSH02 GSH07 GSH00
Signal word Danger

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Hazard statements

H225 - Highly flammable liquid and vapour.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H411 - Toxic to aquatic life with long lasting effects.

Precautionary statements

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 equipment.
P261 - Avoid breathing vapours.
P264 - Wash hands, forearms and face thoroughly after handling.

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

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Calcium carbonate	(CAS-No.) 1317-65-3 (EC No.) 215-279-6	20 - 50	Not classified
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
Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene)	(CAS-No.) 9003-29-6 (EC No.) 500-004-7	10 - 30	Skin Irrit. 2, H315 Asp. Tox. 1, H304
Fuller's earth	(CAS-No.) 8031-18-3	3 - 7	Acute Tox. 4 (Oral), H302 Aquatic Chronic 2, H411
Silicon dioxide	(CAS-No.) 7631-86-9 (EC No.) 231-545-4	1 - 3	Not classified
Amorphous silica	(CAS-No.) 112926-00-8	1 - 3	Skin Irrit. 2, H315
Carbon black	(CAS-No.) 1333-86-4 (EC No.) 215-609-9	1 - 3	Not classified
Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides	(CAS-No.) 61789-77-3 (EC No.) 263-087-6	1 - 3	Acute Tox. 4 (Oral), H302 Skin Corr. 1C, H314 Eye Dam. 1, H318 Aquatic Acute 1, H400
Quartz	(CAS-No.) 14808-60-7 (EC No.) 238-878-4	< 0.1	STOT RE 1, H372

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

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SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	:Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	:Remove person to fresh air and keep comfortable for breathing. If symptoms develop, obtain medical attention.
First-aid measures after skin contact	:Immediately remove contaminated clothing or footwear. Wash affected skin with plenty of water or soap and water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after 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.
First-aid measures after 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

Symptoms/effects after inhalation	:May cause drowsiness or dizziness.
Symptoms/effects after skin contact	:Causes skin irritation.
Symptoms/effects after eye contact	:Causes eye irritation.
Symptoms/effects after 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.

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5.3. Advice for firefighters

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.
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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.
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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.
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6.4. Reference to other sections

Reference to other sections	SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.
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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
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outdoors or in a well-ventilated area. Avoid inhalation of vapours. Avoid contact with skin, eyes and clothing.

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

Silicon dioxide (7631-86-9)	
Ireland - Occupational Exposure Limits	
Local name	Silica, amorphous
OEL (8 hours ref) (mg/m ³)	6 mg/m ³ total inhalable dust 2.4 mg/m ³ respirable dust
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Silica, amorphous
WEL TWA (mg/m ³)	6 mg/m ³ inhalable dust 2.4 mg/m ³ Respirable dust
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

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

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WEL TWA (mg/m ³)	10 mg/m ³ inhalable dust 4 mg/m ³ respirable 4 mg/m ³ Limestone, respirable 10 mg/m ³ Limestone, total inhalable 4 mg/m ³ Marble, respirable 10 mg/m ³ 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/m ³)	3 mg/m ³ l (Inhalable)
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Carbon black
WEL TWA (mg/m ³)	3.5 mg/m ³
WEL STEL (mg/m ³)	7 mg/m ³
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Quartz (14808-60-7)	
EU - Occupational Exposure Limits	
Local name	Silica crystalline (Quartz)
IOELV TWA (mg/m ³)	0.05 mg/m ³ (respirable dust)
Notes	SCOEL Recommendations (2003)
Regulatory reference	SCOEL Recommendations
Ireland - Occupational Exposure Limits	
Local name	Quartz, respirable dust, (see Silica, crystalline)
OEL (8 hours ref) (mg/m ³)	0.1 mg/m ³
Notes (IE)	BOELV (Binding Occupational Exposure Limit Values)
Regulatory reference	Chemical Agents Code of Practice 2020
United Kingdom - Occupational Exposure Limits	
Local name	Silica, respirable crystalline
WEL TWA (mg/m ³)	0.1 mg/m ³ respirable fraction
Remark (WEL)	Carc (Capable of causing cancer and/or heritable genetic damage (where generated as a result of a work process))
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

Amorphous silica (112926-00-8)	
United Kingdom - Occupational Exposure Limits	
Local name	Silica, amorphous

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WEL TWA (mg/m ³)	6 mg/m ³ inhalable dust 2.4 mg/m ³ Respirable dust
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8.2. Exposure controls

Appropriate engineering controls	Provide adequate ventilation.
Personal protective equipment	Avoid all unnecessary exposure.
Eye/face protection	Chemical goggles or face shield. Standard EN 166 - Personal eye-protection.
Hand protection	Wear chemically resistant protective gloves. Gloves should be removed and replaced if there are any signs of degradation or breakthrough. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Due to the practical application of the product, it is advised to apply gloves according to EN 388 and EN 374-1.
Other skin and body protection	Long sleeved protective clothing.
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
Appearance	: Viscous.
Colour	: Grey.
Odour	: Slight. Solvent.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: 3.5
Melting point	: No data available
Freezing point	: No data available
Boiling point	: 119 – 141 °C
Flash point	: 10 °C
Auto-ignition temperature	: 246 °C
Decomposition temperature	: No data available
Flammability (solid, gas)	: Not applicable
Vapour pressure	: 11.25 mm Hg
Relative vapour density at 20 °C	: 4 (Air = 1)

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Relative density	: 1.2 – 1.3 (Water = 1)
Solubility	: Insoluble in water. Water: 0.5 g/l
Log Pow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: 1200000 mPa·s
Explosive properties	: May form flammable/explosive vapour-air mixture.
Oxidising properties	: Not oxidising.
Explosive limits	: 0.9 – 6.7 vol %

9.2. Other information

VOC content 250 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity Stable under recommended handling and storage conditions (see section 7).

10.2. Chemical stability

Stability Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions May form flammable/explosive vapour-air mixture. May react with acids to produce carbon dioxide.

10.4. Conditions to avoid

Conditions to avoid Ignition 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 products Fire may produce irritating, corrosive and/or toxic gases. Carbon monoxide. 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

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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)

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	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
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

Quartz (14808-60-7)	
IARC group	1 - 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
Additional information	: Based on available data, the classification criteria are not met

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

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Potential adverse human health effects and symptoms	: Causes skin irritation. Causes serious eye irritation. Vapours may cause drowsiness and dizziness. Ingestion may cause irritation of the gastrointestinal tract.
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)	: Not classified
Hazardous to the aquatic environment, long-term (chronic)	: Toxic to aquatic life with long lasting effects.

Ecological information on ingredients.

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 Water Cut Off Mastic	
Ecology - soil	Insoluble in water.

12.5. Results of PBT and vPvB assessment

ClassicBond Water Cut Off Mastic

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

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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 recommendations

Dispose in a safe manner in accordance with local/national regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal. Avoid release to the environment.

Additional information

Handle empty containers with care because residual vapours are flammable.

SECTION 14: Transport information

14.1. UN number

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

14.2. UN proper shipping name

Proper Shipping Name : ADHESIVES
Proper Shipping Name (IMDG) : ADHESIVES
Proper Shipping Name (IATA) : Adhesives
Transport document description (ADR) : UN 1133 ADHESIVES, 3, II, ENVIRONMENTALLY HAZARDOUS
Transport document description (IMDG) : UN 1133 ADHESIVES, 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS
Transport document description (IATA) : UN 1133 Adhesives, 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

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Danger labels (IMDG) : 3



IATA

Transport hazard class(es) (IATA) : 3

Danger labels (IATA) : 3



14.4. Packing group

Packing group : II

Packing group (IMDG) : II

Packing group (IATA) : II

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

No data available

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
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3.	Water Cut-Off Mastic	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
3(a)	Water Cut-Off Mastic ; 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, 2.14 categories 1 and 2, 2.15 types A to F
3(b)	Water Cut-Off Mastic ; Amorphous silica ; Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene) ; 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 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)	Water Cut-Off Mastic ; 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
40.	Water Cut-Off Mastic ; Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not.

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

Contains no substance on the REACH candidate list

VOC content 250 g/l

15.1.2. National regulations

National regulations No additional information available

15.2. Chemical safety assessment

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No chemical safety assessment has been carried out.

SECTION 16: Other information

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

Abbreviations and acronyms:	
	ADR (Accord européen relatif au transport international des marchandises Dangereuses par Route)
	ATE (Acute Toxicity Estimate)
	CAS (Chemical Abstracts Service) number
	DNEL (Derived No Effect Level)
	EC (European Community)
	EC50 (Effective Concentration 50%)
	EN (European Norm)
	IARC (International Agency for Research on Cancer)
	IATA (International Air Transport Association)
	IMDG (International Maritime Dangerous Goods Code)
	IMO (International Maritime Organisation)
	LC50 (Lethal Concentration 50%)
	LD50 (Lethal Dose 50%)
	MAC (Maximal Allowed Concentration)
	OECD (Organisation for Economic Co-operation and Development)
	PBT (Persistent, Bioaccumulative and Toxic)
	PNEC (Predicted No Effect Concentration)
	RID (Règlement concernant le transport international ferroviaire de marchandises)
	STEL (Short Term Exposure Limit)
	TWA (Time Weighted Average)
	UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods)
	vPvB (very Persistent and very Bioaccumulative)

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Data sources REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and

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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
Skin Irrit. 2	H315
Eye Irrit. 2	H319
STOT SE 3	H336
Aquatic Chronic 2	H411

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aquatic Acute 1	Hazardous to the aquatic environment — Acute Hazard, Category 1
Aquatic Chronic 2	Hazardous to the aquatic environment — Chronic Hazard, Category 2
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Dam. 1	Serious eye damage/eye irritation, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 2	Flammable liquids, Category 2
Skin Corr. 1C	Skin corrosion/irritation, Category 1, Sub-Category 1C
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 1	Specific target organ toxicity — Repeated exposure, Category 1
STOT SE 3	Specific target organ toxicity — Single exposure, Category 3, Narcosis
H225	Highly flammable liquid and vapour.
H302	Harmful if swallowed.
H304	May be fatal if swallowed and enters airways.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H372	Causes damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

NCEC SDS EU (REACH ANNEX II)

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



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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