

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 industrial use only
Uses advised against No additional information available

1.3. Details of the supplier of the safety data sheet

Suppliers: Flex-R Ltd.
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 01865 407333 – English speaking (24 hours, 7 days)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Flam. Liq. 2 - H225
Health hazards Skin Irrit. 2 - H315 Skin STOT SE 3 - H336 STOT RE 1 - H372
Environmental hazards Aquatic Chronic 2 - H411
Human Health No additional information available
Physicochemical No additional information available

2.2. Label elements

Pictogram



Signal word

Danger

Hazard statements

H225 - Highly flammable liquid and vapour
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H372 - Causes damage to organs (central nervous system) through prolonged or repeated exposure
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
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
P332+P313 - If skin irritation occurs: Get medical advice/attention
P405 - Store locked up
P501 - Dispose of contents/container to an authorised waste collection point

Contains

Solvent naphtha (petroleum), light aliph., Solvent naphtha (petroleum), medium aliph.

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

CALCIUM CARBONATE	10 - 30%
CAS number: 1317-65-3	EC number: 215-279-6
REACH registration number:	
Classification	
Not classified	

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH.	10 - 30%
CAS number: 64742-89-8	EC number: 265-192-2
(EC index No.) 649-267-00-0	
REACH registration number:	
Classification	
Flam. Liq. 1, H224 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304	

Aquatic Chronic 2, H411

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH. 10 - 30%

CAS number: 64742-88-7 EC number: 265-191-7 REACH registration number:
(EC index No.) 649-405-00-X

Classification

Flam. Liq. 3, H226
Skin Irrit. 2, H315
STOT SE 3, H336
STOT RE 1, H372
Asp. Tox. 1, H304
Aquatic Chronic 2, H411

RESIDUAL OILS (PETROLEUM,) SOLVENT-REFINED 3 - 7%

CAS number: 64742-01-4 EC number: 265-101-6 REACH registration number:
(EC index No.) 649-405-00-X

Classification

Asp. Tox. 1, H304

SILICON DIOXIDE 1-3%

CAS number: 7631-86-9 EC number: 231-545-4 REACH registration number:

Classification

Not classified

CARBON BLACK 1-3%

CAS number: 1333-86-4 EC number: 215-609-9 REACH registration number:

Classification

Not classified

BUTENE, HOMOPOLYMER (PRODUCTS DERIVED FROM EITHER/OR BUT-1-ENE/BUT-2-ENE) 1-5%

CAS number: 9003-29-6 EC number: 500-004-7 REACH registration number:

Classification

Skin Irrit. 2, H315
Asp. Tox. 1, H304

MICA

0.1-1%

CAS number: 12001-26-2

EC / List number: 601-648-2

REACH registration number:

Classification

Not classified

**PHENOL, 4-METHYL-, REACTION PRODUCTS WITH
DICYCLOPENTADIENE AND ISOBUTYLENE**

0.1-1%

CAS number: 68610-51-5

EC number: 271-867-2

REACH registration number:

Classification

Aquatic Chronic 4, H413

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

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.

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.

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.

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

Inhalation

May cause drowsiness or dizziness.

Revision Date: 27/02/2018

Ingestion	Ingestion may cause irritation of the gastrointestinal tract.
Skin contact	Causes skin irritation.
Eye contact	May cause eye irritation.

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

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.

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

Exclusive British Isles Distributors for Carlisle-SynTec and ClassicBond EPDM single ply roofing materials.

Flex-R Ltd., Sandwood House, Hillbottom Road, Sands Industrial Estate, High Wycombe, Buckinghamshire, HP12 4HJ. Tel: +44 (0)1494 448792 Fax: +44 (0)1494 858433

SILICON DIOXIDE (7631-86-9)

WEL TWA (mg/m³) 6 mg/m³ inhalable dust 2.4 mg/m³ respirable dust

CALCIUM CARBONATE (1317-65-3)

WEL TWA (mg/m³) 10 mg/m³ inhalable dust 4 mg/m³ respirable dust

CARBON BLACK (1333-86-4)

WEL TWA (mg/m³) 3.5 mg/m³

WEL STEL (mg/m³) 7 mg/m³

MICA (12001-26-2)

WEL TWA (mg/m³) 10 mg/m³ total inhalable 0.8 mg/m³ respirable

QUARTZ (14808-60-7)

WEL TWA (mg/m³) 0.1 mg/m³

WEL STEL (mg/m³) 0.3 mg/m³

Ingredient comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Appropriate engineering controls

Provide adequate ventilation. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.

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. 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 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. Paste.
Colour	Black.
Odour	Hydrocarbon.
Odour threshold	No data available
pH	No data available
Relative evaporation rate (butylacetate=1)	3.5
Melting point	< 18 °C
Freezing point	< 18 °C
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.
Log Pow	No data available
Log Kow	No data available
Viscosity, kinematic	No data available
Viscosity, dynamic	1100000 mPa·s
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.
Explosive limits	0.8 - 6.7 vol %

9.2. Other information

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

SECTION 10: Stability and reactivity

10.1. Reactivity

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 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 Not classified
Based on available data, the classification criteria are not met

Toxicological information on ingredients.

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (64742-89-8)

LD50 oral rat > 5000 mg/kg
LD50 dermal rabbit > 2000 mg/kg
LC50 inhalation rat (mg/l) > 5610 mg/l/4h

RESIDUAL OILS (PETROLEUM,) SOLVENT-REFINED (64742-01-4)

LD50 oral rat > 5000 mg/kg
LD50 dermal rabbit > 2000 mg/kg
LC50 inhalation rat (mg/l) > 5.53 mg/l/4h

PHENOL, 4-METHYL-, REACTION PRODUCTS WITH DICYCLOPENTADIENE AND ISOBUTYLENE (68610-51-5)

LD50 oral rat > 5000 mg/kg
LD50 dermal rabbit > 2000 mg/kg

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH. (64742-88-7)

LD50 oral rat > 5000 mg/kg
LD50 dermal rabbit > 2000 mg/kg

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye irritation.

Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified Based on available data, the classification criteria are not met
Carcinogenicity	Not classified Based on available data, the classification criteria are not met
Reproductive toxicity	Suspected of damaging the unborn child.
Specific target organ toxicity (single exposure)	May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	May cause damage to organs (neuropsychological effects, auditory dysfunction, effects on colour vision) through prolonged or repeated exposure (if inhaled).
Aspiration hazard	Not classified Based on available data, the classification criteria are not met
Potential adverse human health effects and symptoms	Causes skin irritation. Allergic skin rash. Causes serious eye irritation. Vapours may cause drowsiness and dizziness. Ingestion may cause irritation of the gastrointestinal tract.

SECTION 12: Ecological Information

12.1. Toxicity

Ecology - water Toxic to aquatic life with long lasting effects.

Ecological information on ingredients.

SOLVENT NAPHTHA (PETROLEUM), LIGHT ALIPH. (64742-89-8)

EC50 3.1 mg/l (72 Hours, Growth rate, Pseudokirchnerella subcapitata)

RESIDUAL OILS (PETROLEUM,) SOLVENT-REFINED (64742-01-4)

LC50 > 5000 mg/l (96 Hours, Oncorhynchus mykiss (Rainbow trout))

EC50 > 1000 mg/l (96 Hours, Daphnia magna)

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)

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPH. (64742-88-7)

LC50 800 mg/l (96 Hours, static test, Pimephales promelas)

EC50 > 100 mg/l (48 Hours, Daphnia magna)

EC50 450 mg/l (96 Hours, Pseudokirchnerella subcapitata)

12.2. Persistence and degradability

No additional information available

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 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.

Additional information Handle empty containers with care.

SECTION 14: Transport information

14.1. UN number

UN No. (ADR) 1133

UN-No. (IATA) 1133

UN-No. (IMDG) 1133

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ADHESIVES

Proper Shipping Name (IATA) ADHESIVES

Proper Shipping Name (IMDG) ADHESIVES

Transport document description (ADR) UN 1133 ADHESIVES, 3, II

14.3. Transport hazard class(es)

Class (ADR/RID) 3

Class (IATA) 3

Class (IMDG) 3

Hazard labels (ADR/RID) 3



Hazard labels (IATA) 3



Danger labels (IMDG) 3



14.4. Packing group

Packing group (ADR/RID) II

Packing group (IATA) II

Packing group (IMDG) II

14.5. Environmental hazards

Dangerous for the environment
Marine pollutant



Other information

No supplementary information available.

14.6. Special precautions for user

Special transport precautions

No special precautions required.

14.6.1. Overland transport

No additional information available

14.6.2. Transport by sea

No additional information available

14.6.3. Air transport

No additional information 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):

ClassicBond Lap Sealant 3.a. 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

ClassicBond Lap Sealant 3.b. 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

ClassicBond Lap Sealant 3.c. 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

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

Issued by Technical

Revision date 27/02/2018

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

Revision Date: 27/02/2018

packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Hazard statements in full

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. 1 Flammable liquids, Category 1

Flam. Liq. 2 Flammable liquids, Category 2

Flam. Liq. 3 Flammable liquids, Category 3

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

H224 Extremely flammable liquid and vapour

H225 Highly flammable liquid and vapour

H226 Flammable liquid and vapour

H304 May be fatal if swallowed and enters airways

H315 Causes skin irritation

H336 May cause drowsiness or dizziness

H372 Causes damage to organs through prolonged or repeated exposure

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)

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, CCWI 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