

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

**1.1. Product Identifier**

|                       |   |
|-----------------------|---|
| Product form          | : Substance   |
| Substance name        | : Weathered Membrane Cleaner                          |
| Chemical name         | : Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics |
| EC No.                | : 920-750-0   |
| REACH registration No | : 01-2119473851-33-0020                               |
| Product code          | : 302074  |

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

|                             |  |
|-----------------------------|--|
| <b>Identified uses</b>      | Cleaner. Product for professional use only |
| <b>Uses advised against</b> | No additional information available        |

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

|                   |   |
|-------------------|---|
| <b>Suppliers:</b> | Flex-R<br>Sandswood House<br>Hillbottom Road<br>Sands Industrial Estate<br>High Wycombe<br>Buckinghamshire<br>HP12 4HJ<br>Tel: 01494 448792 Fax: 01494 858433 Email: <a href="mailto:enq@ClassicBond.co.uk">enq@ClassicBond.co.uk</a> |
|-------------------|---|

**1.4. Emergency telephone number**

|                            |  |
|----------------------------|--|
| <b>Emergency telephone</b> | 01494 448792 (NOT 24HRS Monday-Thursday 08.30 – 17.30<br>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 |
| Asp. Tox. 1       | H304 |
| 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**

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

**Hazard pictograms (CLP)**



**Signal word (CLP)**

Danger

**Hazardous ingredients (CLP)**

Solvent naphtha (petroleum), light aliph.

**Hazard statements (CLP)**

H225 - Highly flammable liquid and vapour  
H304 - May be fatal if swallowed and enters airways  
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.

**EUH-statements**

EUH066 - Repeated exposure may cause skin dryness or cracking.

**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**

**3.1. Substance**

Name :Weathered Membrane Cleaner

EC No. :920-750-0

| Name  | Product identifier                                | %   |
|---|---|-----|
| Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics | (EC No.) 920-750-0<br>(REACH-no) 01-2119473851-33 | 100 |

**3.2. Mixtures**

Not applicable

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

**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 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

: Repeated exposure may cause skin dryness or cracking.

Symptoms/effects after eye contact

: May cause slight irritation.

Symptoms/effects after ingestion

: Ingestion may cause irritation of the gastrointestinal tract. May result in aspiration into the lungs, causing chemical pneumonia.

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

**Notes for the doctor**

Treat symptomatically. Respiratory symptoms, including pulmonary oedema, may be delayed.

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Foam. Dry chemical. Carbon dioxide. Water spray.

**Unsuitable extinguishing media**

Do not use water jet.

**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. Proper grounding procedures to avoid static electricity should be followed.

**Storage conditions**                      Store locked up. Store in a well-ventilated place. Keep container tightly closed. Store in a dry place. Keep cool. Protect from freezing.

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

**7.3. Specific end use(s)**

**Specific end use(s)**                      Cleaner. Product for industrial use only.

|   |
|---|
| <b>SECTION 8: Exposure Controls/personal protection</b> |
|---|

**8.1. Control parameters**

No additional information available

**8.2. Exposure controls**

**Appropriate engineering controls**                Provide good ventilation in process area to prevent formation of vapour.

**Personal protective equipment**                Avoid all unnecessary exposure.

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

**Hand protection**                                      Wear chemically resistant protective gloves. The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed. Gloves should be removed and replaced if there are any signs of degradation or breakthrough. 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**                        Wear heat-resistant gloves and clothing if the product is heated.

**Other information**                                      Do not eat, drink or smoke during use. Handle in accordance with good industrial hygiene and safety procedures.

|  |
|--|
| <b>SECTION 9: Physical and Chemical Properties</b> |
|--|

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

|  |                     |
|--|---------------------|
| Physical state                             | : Liquid            |
| Colour                                     | : Colourless.       |
| Odour                                      | : Hydrocarbon.      |
| Odour threshold                            | : No data available |
| pH   | : No data available |
| Relative evaporation rate (butylacetate=1) | : 1                 |
| Melting point                              | : No data available |
| Freezing point                             | : No data available |

|                                  |                           |
|----------------------------------|---------------------------|
| Boiling point                    | : 118 – 150 °C            |
| Flash point                      | : 18 °C (closed cup)      |
| Auto-ignition temperature        | : > 200 °C                |
| Decomposition temperature        | : No data available       |
| Flammability (solid, gas)        | : Not applicable          |
| Vapour pressure                  | : 11.5 mm Hg              |
| Relative vapour density at 20 °C | : 4 (Air = 1)             |
| Relative density                 | : 0.74 – 0.76 (Water = 1) |
| Solubility                       | : Insoluble in water.     |
| Log Pow                          | : No data available       |
| Viscosity, kinematic             | : No data available       |
| Viscosity, dynamic               | : No data available       |
| Explosive properties             | : Not explosive.          |
| Oxidising properties             | : Not oxidising.          |
| Explosive limits                 | : 0.9 – 7 vol %           |

## **9.2. Other information**

**VOC content** 100 %

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

### **10.1. Reactivity**

**Reactivity** Stable under normal conditions.

### **10.2. Chemical stability**

**Stability** Stable under normal conditions. (see section 7).

### **10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** Stable under normal conditions. (see section 7).

### **10.4. Conditions to avoid**

**Conditions to avoid** Heat. Sparks. Ignition sources.

### **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 |

| Weathered Membrane Cleaner |              |
|----------------------------|--------------|
| LD50 oral, rat             | > 5840 mg/kg |
| LD50 oral                  | > 8 ml/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 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 |
| 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                                   | :May be fatal if swallowed and enters airways.   |
| Potential adverse human health effects and symptoms | :Causes skin irritation. May cause slight irritation to eyes. Vapours may cause drowsiness and dizziness. Ingestion may cause irritation of the gastrointestinal tract. Swallowing the liquid may cause aspiration into the lungs with the risk of chemical pneumonitis. |

**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.

| <b>Hydrocarbons, C7-C9, n-alkanes, isoalkanes, cyclics</b> |  |
|--|--|
| 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**

No additional information available

### **12.3. Bioaccumulative potential**

No additional information available

### **12.4. Mobility in soil**

**Weathered Membrane Cleaner**

**Ecology - soil** Insoluble in water.

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

**Weathered Membrane Cleaner**

**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**

In accordance with ADR / IATA / IMDG

### **14.1. UN number**



**UN No. (ADR)** 1263  
**UN-No. (IMDG)** 1263  
**UN-No. (IATA)** 1263

**14.2. UN proper shipping name**

|                                       |  |
|---------------------------------------|--|
| Proper Shipping Name                  | :PAINT RELATED MATERIAL  |
| Proper Shipping Name (IMDG)           | :PAINT RELATED MATERIAL  |
| Proper Shipping Name (IATA)           | :Paint related material  |
| Transport document description (ADR)  | :UN 1263 PAINT RELATED MATERIAL, 3, II, ENVIRONMENTALLY HAZARDOUS                  |
| Transport document description (IMDG) | :UN 1263 PAINT RELATED MATERIAL, 3, II, MARINE POLLUTANT/ENVIRONMENTALLY HAZARDOUS |
| Transport document description (IATA) | :UN 1263 Paint related material, 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



**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.

**14.6.1. Overland transport**

No data available

**14.6.2. Transport by sea**

No data available

**14.6.3. 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.  | Weathered Membrane Cleaner | 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)  | Weathered Membrane Cleaner | 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)  | Weathered Membrane Cleaner | 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 |

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|      |                            |  |
|------|----------------------------|--|
| 3(c) | Weathered Membrane Cleaner | 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.  | Weathered Membrane Cleaner | 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. |

Weathered Membrane Cleaner is not on the REACH Candidate List

Weathered Membrane Cleaner is not on the REACH Annex XIV List

Weathered Membrane Cleaner is not 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.

Weathered Membrane Cleaner is not 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** 100%

**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 |          |

**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

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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

**Full text of H- and EUH-statements:**

|                   |  |
|-------------------|--|
| Aquatic Chronic 2 | Hazardous to the aquatic environment — Chronic Hazard, Category 2      |
| Asp. Tox. 1       | Aspiration hazard, Category 1  |
| Flam. Liq. 2      | Flammable liquids, 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.                          |
| H336              | May cause drowsiness or dizziness.                                     |
| H411              | Toxic to aquatic life with long lasting effects.                       |
| EUH066            | Repeated exposure may cause skin dryness or cracking.                  |

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 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*