

Productname : MOULD PROTECTIVE
Ref.Nr.: UDS000677_3_20150323 (EN)

Creationdate : 23.03.15 Version : 1.0
Replaces:

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

1.1. Product identifier

MOULD PROTECTIVE
Bulk

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

Anti Corrosion Products

1.3. Details of the supplier of the safety data sheet

CRC Industries UK Ltd.
Ambersil House - Wylds Road
Castlefield Industrial Estate
TA6 4DD Bridgwater Somerset
United Kingdom
Tel.: +44 1278 727200
Fax.: +44 1278 425644
E-mail : hse.uk@crcind.com

1.4. Emergency telephone number

(+44)(0)1278 72 7200

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

| | |
|---------------------|---|
| Physical: | Flammable liquid, category 2 Highly flammable liquid and vapour. |
| Health: | Aspiration Hazard Category 1 May be fatal if swallowed and enters airways. Skin irritation, category 2 Causes skin irritation. Eye irritation, category 2 Causes serious eye irritation. Specific target organ toxicity - single exposure, category 3 May cause drowsiness or dizziness. |
| Environment: | Hazardous to the aquatic environment, chronic category 2 Toxic to aquatic life with long lasting effects. |

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Classification according to 67/548/EEC or 1999/45/EC:

F : HIGHLY FLAMMABLE





Xn : HARMFUL

N : DANGEROUS FOR THE ENVIRONMENT

| | |
|------------------------|---|
| Health: | R38: Irritating to skin. R65: Harmful: may cause lung damage if swallowed. R67: Vapours may cause drowsiness and dizziness. |
| Physical: | R11: Highly flammable. |
| Environment: | R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| Other hazards : | Not classified |

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

| | |
|------------------------------------|--|
| Product identifier: | Contains: Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic xylene |
| Hazard pictogram(s): |     |
| Signal word: | Danger |
| Hazard statement(s): | H225 : Highly flammable liquid and vapour. H304 : May be fatal if swallowed and enters airways. 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 statement(s): | P101 : If medical advice is needed, have product container or label at hand. P102 : Keep out of reach of children. P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P271 : Use only outdoors or in a well-ventilated area. P301/310 : IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 : Do NOT induce vomiting. P405 : Store locked up. P501-2 : Dispose of contents/container to an authorised waste collection point. |

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

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3.2. Mixtures

| Hazardous ingredient | CAS-nr. | EC-nr | w/w % | symbol | R-phrases* | Notes |
|---|-----------|-----------|--------|--------|-------------------|-------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic | - | 927-510-4 | 60-100 | F,Xn,N | 11-38-51/53-65-67 | B |
| xylene | 1330-20-7 | 215-535-7 | 0-1 | Xn | 10-20/21-38 | A |

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

| Hazardous ingredient | Registration number | CAS-nr. | EC-nr | w/w % | Hazard Class and Category | Hazard statement | Notes |
|---|---------------------|-----------|-----------|--------|--|--------------------------|-------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic | 01-2119475515-33 | - | 927-510-4 | 60-100 | Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2 | H225,H315,H336,H304,H411 | B |
| xylene | | 1330-20-7 | 215-535-7 | 0-1 | Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2, Asp. Tox. 1 | H226,H312,H332,H315,H304 | A |

Explanation notes

A : substance with Community workplace exposure limit

B : substance with national established workplace exposure limit

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------------------|--|
| Contact with eyes : | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| Contact with skin : | Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. |
| Inhalation : | Fresh air, keep warm and at rest. Seek medical attention if ill effects occur |
| Ingestion : | If swallowed do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention |

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

| | |
|-----------------------|--|
| Inhalation : | Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Ingestion : | After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia. Symptoms : sore throat, abdominal pain, nausea, vomiting |
| Skin contact : | Irritating to skin Symptoms : redness and pain |
| Eye contact : | Irritating to eyes Symptoms : redness and pain, impaired vision |

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

General Advice : If you feel unwell, seek medical advice (show the label where possible)
If symptoms persist always call a doctor

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

May form explosive vapour/air mixtures
Forms hazardous decomposition products
CO,CO2

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing including eye/face protection.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from heat and sources of ignition

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Take precautionary measures against static discharges
 Equipment should be earthed
 Use explosion-proof electrical/ventilating/lighting/.../equipment.
 Use only non-sparking tools.
 Do not breathe aerosols or vapours.
 Ensure adequate ventilation
 Avoid contact with skin and eyes.
 Wash thoroughly after use
 Wear protective gloves/protective clothing/eye protection/face protection.
 Eyewash bottles should be available

7.2. Conditions for safe storage, including any incompatibilities

Keep container tightly closed, in a cool, well ventilated place.
 Keep out of reach of children.

7.3. Specific end use(s)

Anti Corrosion Products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

| Hazardous ingredient | CAS-nr. | method | |
|---|-----------|--------|---------|
| EU established exposure limits: | | | |
| xylene | 1330-20-7 | TWA | 50 ppm |
| | | STEL | 100 ppm |
| National established exposure limits, United Kingdom | | | |
| xylene | 1330-20-7 | TWA | 50 ppm |
| | | STEL | 100 ppm |

8.2. Exposure controls

Control procedures : Ensure adequate ventilation
 Keep away from heat and sources of ignition
 Take precautionary measures against static discharges

Personal protection : Take precautions to avoid contact with skin and eyes when handling the product.
 Ensure adequate ventilation

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.

hands and skin : Wear suitable protective gloves against chemicals

Recommended gloves: Nitrile

eyes : Wear safety goggles.

SECTION 9: Physical and chemical properties

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9.1. Information on basic physical and chemical properties

Apperance : physical state : Liquid.
colour : Yellow.
odour : Solvent.
pH : Not applicable.
Boiling point/range : 94 °C
Flash point : - 4 °C
Evaporation rate : Not available.
Explosion limits : upper limit : 7 %
lower limit : 1 %
Vapour pressure : Not available.
Relative density : 0.74 g/cm³ (@ 20°C).
Solubility in water : Insoluble in water
Auto-ignition : > 200 °C
Viscosity : Not available.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable

10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO₂

SECTION 11: Toxicological information

Productname : MOULD PROTECTIVE
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11.1. Information on toxicological effects

Information on likely routes of exposure:

Inhalation : Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
Ingestion : After vomiting of swallowed product aspiration into lungs is likely. Solvents may induce chemical pneumonia.
Skin contact : Irritating to skin
Eye contact : Irritating to eyes

Toxicological data :

| Hazardous ingredient | CAS-nr. | method | |
|---|---------|----------------|--------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic | - | LD50 oral rat | > 5000 mg/kg |
| | | LC50 inhal.rat | > 20 mg/l |
| | | LD50 derm.rat | > 2000 mg/kg |

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, chronic category 2
 Toxic to aquatic life with long lasting effects.

Ecotoxicological data:

| Hazardous ingredient | CAS-nr. | method | |
|---|---------|--------------|------------|
| Hydrocarbons, C7, n-alkanes, isoalkanes, cyclic | - | IC50 algae | 10-30 mg/l |
| | | LC50 fish | > 10 mg/l |
| | | EC50 daphnia | 3 mg/l |

12.2. Persistence and degradability

No information available

12.3. Bioaccumulative potential

No information available

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

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Replaces:

No information available

12.6. Other adverse effects

No information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : This material and its container must be disposed of in a safe way.
Do not discharge into drains or the environment, dispose to an authorised waste collection point.

Contaminated packaging : Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : 3295

14.2. UN proper shipping name

Proper shipping name: HYDROCARBONS, LIQUID, N.O.S. (heptanes, xylene)

14.3. Transport hazard class(es)

Class: 3
ADR/RID - Classification code: F1

14.4. Packing group

Packing group: II

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: Yes
IMDG - Marine pollutant: Marine pollutant
IATA/ICAO - Environmentally hazardous: Yes

14.6. Special precautions for user

ADR/RID - Tunnelcode: (D/E)
IMDG - Ems: F-E, S-D
IATA/ICAO - PAX: 353
IATA/ICAO - CAO: 364

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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The Safety Data Sheet is compiled according to the current European requirements.
EU-directive 99/45/EC
Regulation (EC) No 1272/2008 (CLP)
Regulation (EC) No 1907/2006 (REACH)

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation risk-phrases: R10: Flammable.
R11: Highly flammable.
R38: Irritating to skin.
R65: Harmful: may cause lung damage if swallowed.
R67: Vapours may cause drowsiness and dizziness.
R20/21: Harmful by inhalation and in contact with skin.
R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

*Explanation hazard statements: H225 : Highly flammable liquid and vapour.
H226 : Flammable liquid and vapour.
H304 : May be fatal if swallowed and enters airways.
H312 : Harmful in contact with skin.
H315 : Causes skin irritation.
H332 : Harmful if inhaled.
H336 : May cause drowsiness or dizziness.
H411 : Toxic to aquatic life with long lasting effects.

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties. Apart from any fair dealing for purposes of study, research and review of health, safety and environmental risks, no part of these documents may be reproduced by any process without written permission from CRC.