ProductFast Dry Machinery EnamelRevision date14 October 2020Revision2



## Safety Data Sheet (SDS)

according to Regulation (EC) No. 1907/2006

## Section 1: Identification of the substance/mixture and of the company/undertaking

### **<u>1.1 Product identifier</u>**

| Product name          | Fast Dry Machinery Enamel |
|-----------------------|---------------------------|
| Product no.           | CFG                       |
| Synonyms, Trade names | No information available. |

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

| Identified uses      | A single pack, fast drying, solvent borne general purpose machinery topcoat with good gloss |
|----------------------|---|
|                      | level.  |
|                      | For industrial and professional use only.   |
|                      | Any other purpose.  |
| Uses advised against |   |

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

| Supplier                              | Castle Paints Ltd  |
|---------------------------------------|--|
| Suppror                               | Cloncollig Industrial Estate   |
|                                       | Tullamore  |
|                                       | Offaly   |
|                                       | R35 X993   |
|                                       | Ireland  |
|                                       | Tel: 353 (0)579351583  |
| Contact person                        | info@castlepaints.ie   |
| <b>1.4 Emergency telephone number</b> |  |
| Emergency telephone                   | Emergency medical information: 8am - 10pm (Seven Days) contact National Poison<br>Center,Beaumont Hospital. Telephone: +353 (0) 18092166 |

### Section 2: Hazards identification

### 2.1 Classification of the substance or mixture

| Classification (EC 1272/2008) |  |
|-------------------------------|--|
| Physical and chemical hazards | Flam. Liq 3- H226  |
| Human health                  | Skin Irrit.2 - H315, Eye Irrit.2A - H319, STOT SE 3 - H335, STOT RE 2 - H373 |
| Environment                   | Not classified   |

### 2.2 Label elements

| Contains                                       | Xylene<br>ethylbenzene<br>butanone oxime<br>propionic acid |
|--|--|
| Label in accordance with (EC) no.<br>1272/2008 |  |
| Signal word                                    | Warning  |

**Hazard statements** 

H226 Flammable liquid and vapour.

|                          | H315 Causes skin irritation.   |
|--------------------------|--|
|                          | H319 Causes serious eye irritation.  |
|                          | H335 May cause respiratory irritation.   |
|                          | H373 May cause damage to organs through prolonged or repeated exposure.                |
| Precautionary statements | Prevention   |
|                          | P210 Keep away from heat/ sparks/open flames/hot surfaces. — No smoking.               |
|                          | P260 Do not breathe dust/fume/ gas/mist/vapours/spray.                                 |
|                          | P280 Wear protective gloves/ protective clothing/eye protection/face protection.       |
|                          | Response   |
|                          | P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove |
|                          | contact lenses, if present and easy to do. Continue rinsing.                           |
|                          | P312 Call a POISON CENTER or doctor/physician if you feel unwell.                      |
|                          | P370 + P378 In case of fire: Use dry chemical, foam or carbon dioxide for extinction.  |
| EUH statements           | EUH208 Contains butanone oxime. May produce an allergic reaction.                      |
|                          |  |

## 2.3 Other hazards

Not applicable.

# Section 3: Composition/identification of ingredients

## 3.1 Substance

Not applicable.

# 3.2 Mixtures

| Name  | Product identifier  | Regulation (EC) No 1272/2008  | %            |
|---|---|---|--------------|
| Xylene  | CAS-No.: 1330-20-7 EC<br>No.: 215-535-7 REACH<br>Reg No.:<br>01-2119488216-32-xxxx  | Acute Tox 4 - H312, Acute Tox 4 - H332, Skin Irrit.2 - H315,<br>STOT SE 3 - H335, Flam. Liq 3- H226, STOT RE 2 - H373,<br>Asp. Tox - H304, Eye Irrit.2A - H319, Aquatic Chronic 3 -<br>H412 | 30-50%       |
| titanium dioxide  | CAS-No.: 13463-67-7<br>EC No.: 236-675-5<br>REACH Reg No.:<br>01-2119489379-17-0046 |   | 10-15%       |
| ethylbenzene  | CAS-No.: 100-41-4<br>EC No.: 202-849-4  | Flam. Liq 2- H225, Asp. Tox - H304, Acute Tox 4 - H332,<br>STOT RE 2 - H373   | 5-10%        |
| 2-ethylhexanoic acid, zirconium salt                                    | CAS-No.: 22464-99-9<br>EC No.: 245-018-1  | Repr. 2 - H361d   | 0.1-0.9%     |
| Hydrocarbons, C9-C11, n-alkanes,<br>isoalkanes, cyclics, < 2% aromatics | CAS-No.: 64742-48-9<br>EC No.: 919-857-5<br>REACH Reg No.:<br>01-2119463258-33-xxxx | STOT SE 3 - H336, Asp. Tox - H304, Flam. Liq 3- H226  | 0.1-0.9%     |
| butanone oxime  | CAS-No.: 96-29-7<br>EC No.: 202-496-6<br>REACH Reg No.:<br>01-2119539477-28-XXXX    | Acute Tox 4 - H312, Eye Dam. 1 - H318, Skin. Sens 1 - H317,<br>Carc. 2 - H351   | 0.1-0.9%     |
| Hydrocarbons, C9-C11, n-alkanes,<br>isoalkanes, cyclics, <2% aromatics  | CAS-No.:<br>EC No.: 919-857-5<br>REACH Reg No.:<br>01-2119463258-33-XXXX            | Asp. Tox - H304, Flam. Liq 3- H226, STOT SE 3 - H336  | 0.1-0.9%     |
| Cobalt bis(2-ethylhexanoate)  | CAS-No.: 136-52-7<br>EC No.: 205-250-6<br>REACH Reg No.:<br>01-2119524678-29-XXXX   | Eye Irrit.2A - H319, Skin. Sens 1 A- H317, Repr. 1B- H360,<br>Aquatic Acute 1 - H400, Aquatic Chronic 3 - H412  | 0.01-0.09%   |
| calcium carbonate   | CAS-No.: 471-34-1<br>EC No.: 207-439-9<br>REACH Reg No.:<br>01-2119486795-18-XXXX   |   | 0.1-0.9%     |
| Quartz (SiO2)   | CAS-No.: 14808-60-7<br>EC No.: 238-878-4  |   | 0.01-0.09%   |
| propionic acid<br>The full text for all hazard states                   | CAS-No.: 79-09-4<br>EC No.: 201-176-3<br>REACH Reg No.:<br>01-2119486971-24-XXXX    |   | 0.001-0.009% |

The full text for all hazard statements are displayed in section 16.

### Section 4: First aid measures

## **<u>4.1 Description of first aid measures</u>**

| General information | Provide general first aid, rest, warmth and fresh air. As a general rule, in case of doubt or if symptoms persist, always call a doctor. First aid personnel must be aware of own risk during rescue.   |
|---------------------|---|
| Inhalation          | If this product is inhaled and symptoms occur, move the exposed person to fresh air promptly. If breathing has stopped or the exposed person experiences difficulty in breathing, administer artificial respiration and seek immediate medical assistance.  |
| Ingestion           | If this product is ingested, remove victim immediately from source of exposure. Thoroughly rinse the mouth with water. DO NOT induce vomiting! If swallowed, seek medical advice immediately and show the container or label. If vomiting occurs, keep head low so that stomach content doesn't enter the lungs. Never give anything by mouth to an unconscious person. |
| Skin contact        | Remove affected person from source of contamination. Remove contaminated clothing. Wash exposed area with soap and water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues after rinsing.   |
| Eye contact         | Avoid contaminating unaffected eye. Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Remove contact lenses if present and easy to do so. Continue to rinse for at least 15 minutes. Get prompt medical attention.   |

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

| General information | The severity of the symptoms described will vary dependent on the concentration and the        |
|---------------------|--|
|                     | length of exposure. May cause damage to organs through prolonged or repeated exposure.         |
| Inhalation          | May cause respiratory irritation. Vapors may cause drowsiness and dizziness. There may be      |
|                     | irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing |
|                     | or wheezing.   |
| Ingestion           | May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.                         |
| Skin contact        | Avoid contact. Contact with skin may cause irritation.   |
| Eye contact         | May cause redness, swelling, pain and tearing. Causes serious eye irritation.                  |
|                     |  |

## **<u>4.3 Indication of any immediate medical attention and special treatment needed</u>**

| Notes to the physician            | Treat symptomatically. |
|-----------------------------------|------------------------|
|                                   |                        |
|                                   |                        |
| Section 5: Fire-fighting measures |                        |

### 5.1 Extinguishing media

| Extinguishing media            | Use fire-extinguishing media appropriate for surrounding materials. Dry chemical, foam or carbon dioxide. |
|--------------------------------|---|
| Unsuitable extinguishing media | High volume water jet.  |

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

| Hazardous combustion products<br>Unusual fire & explosion hazards | In case of fire, toxic gases (CO, CO2, NOx) may be formed.<br>The product is classified as a flammable liquid and vapour. Vapours are heavier than air and<br>may spread near ground to sources of ignition. Do not allow to enter drains, sewers,<br>basements and workpits, or any place where its accumulation can be dangerous.                              |
|---|--|
| Specific hazards  | When heated and in case of fire, harmful vapours/gases may be formed.  |
| 5.3 Advice for firefighters                                       |  |
| Special fire fighting procedures                                  | Ventilate closed spaces before entering them. Water spray should be used to cool containers.<br>If possible, fight fire from protected position. Containers close to fire should be removed<br>immediately or cooled with water if safe to do so. Keep up-wind to avoid fumes.   |
| Protective equipment for firefighter                              | <b>s</b> Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents. |

| Section 6: Accidental release measure                   | S   |
|---|---|
| 6.1 Personal precautions, protective e                  | quipment and emergency procedures   |
| For non-emergency personnel<br>For emergency responders | <ul> <li>Wear protective clothing as described in Section 8 of this safety data sheet. Eliminate all sources of ignition. Avoid inhalation of vapours and contact with skin and eyes. Provide adequate ventilation. In case of inadequate ventilation, use respiratory protection. Keep unnecessary and unprotected personnel from entering. Read and follow manufacturer's recommendations.</li> <li>Follow safe handling advice and personal protective equipment recommendations for normal use of product.</li> </ul> |
| 6.2 Environmental precautions                           |   |
| Environmental precautions                               | Do not allow to enter sewers/ surface or ground water. Prevent further leakage if safe to do so.  |
| 6.3 Methods and material for containr                   | nent and cleaning up  |
| Spill clean up methods                                  | DO NOT TOUCH SPILLED MATERIAL Wear protective clothing, goggles and respirator.<br>Eliminate all sources of ignition. Ventilate and evacuate the area. Prevent further leakage or<br>spillage if safe to do so.<br>Use non sparking tools or equipment for clean up. Absorb spillage with inert, damp, non-<br>combustible material. Ensure that waste and contaminated materials are collected and<br>removed from the work area as soon as possible in a suitably labelled container.                                   |
| 6.4 Reference to other sections                         |   |
| Reference to other sections                             | See section 1 for emergency contact. For personal protection, see section 8. For waste disposal, see section 13.  |
| Section 7: Handling and storage                         |   |
| 7.1 Precautions for safe handling                       |   |
| Handling  | Provide good ventilation. Wear suitable personal protective equipment, as detailed in Section<br>8. Keep away from ignition sources. Use non sparking tools. Avoid inhalation of vapours.<br>Avoid contact with skin and eyes.<br>Read and follow manufacturer's recommendations. Avoid prolonged or repeated contact. Do<br>not wear contact lenses.   |
| 7.2 Conditions for safe storage, includ                 | ing any incompatibilities   |
| Storage precautions<br>Storage class                    | Keep upright, locked up and out of reach of children. Store in closed, labelled containers in a cool, dry, well-ventilated area away from incompatible materials. Containers once opened must be carefully resealed to prevent leakage. Protect from direct sunlight. Prohibit ignition sources close to storage area. Store separate from other products which react with acids and strong oxidising agents. Flammable liquid storage.   |
| 7.2 Specific and use(s)                                 |   |
| 7.3 Specific end use(s)<br>Specific end use(s)          | The identified uses for this product are detailed in Section 1.2.   |
| Usage description                                       | Use only according to directions. Replace and tighten cap after use.  |

# Section 8: Exposure controls/Personal protection

# 8.1 Control parameters

| Component        | STD | TWA (   | 8 Hrs)                | STEL (1 | 5mins)                | Notes                        |
|------------------|-----|---------|-----------------------|---------|-----------------------|------------------------------|
| xylene           | OEL | 50 ppm  | 221 mg/m <sup>3</sup> | 100 ppm | 442 mg/m <sup>3</sup> | Mixed isomers, Sk,<br>IOELV. |
| titanium dioxide | OEL |         | 10 mg/m <sup>3</sup>  |         |                       | Total inhalable dust.        |
| titanium dioxide | OEL |         | 4 mg/m <sup>3</sup>   |         |                       | Respirable dust.             |
| ethylbenzene     | OEL | 100 ppm | 442 mg/m <sup>3</sup> | 200 ppm | 884 mg/m <sup>3</sup> | Sk, IOELV.                   |
| butanone oxime   | OEL | 3 ppm   | 10 mg/m <sup>3</sup>  | 10 ppm  | 33 mg/m <sup>3</sup>  | Sens.                        |

| Quartz (SiO2)  | OEL |        | 0.1 mg/m <sup>3</sup> |        |                      | Respirable dust,<br>BOELV. |
|----------------|-----|--------|-----------------------|--------|----------------------|----------------------------|
| propionic acid | OEL | 10 ppm | 31 mg/m <sup>3</sup>  | 20 ppm | 62 mg/m <sup>3</sup> | OELV.                      |

Ingredient comments

Ireland, Occupational Exposure Limits 2020.

### **8.2 Exposure Controls**

| Protective equipment  |  |
|-----------------------|--|
|                       |  |
| Engineering measures  | Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded. Where necessary use lighting and electrical equipment designed for use in atmospheres where flammable vapours are present, and which can direct static electricity by grounding equipment.   |
| Respiratory equipment | If the respirator is the sole means of protection, use a supplied air self contained breathing<br>apparatus operated in positive pressure mode. Use respirators and components tested and<br>approved under appropriate government standards such as CEN (EU). Use respiratory<br>protection as specified by an industrial hygienist or other qualified professional. Change<br>filters frequently.<br>Use respiratory equipment with gas filter, type A: organic vapours (EN141). Where aerosols<br>are in use, use self contained breathing apparatus with a type AX filter or appropriate<br>combined filter (e.g. AX-P3), in compliance with EN 371.   |
| Hand protection       | Selection of the glove material depends on consideration of the penetration times, rates of diffusion and degradation, and concentration specific to the workplace. Where hand contact with the product may occur use gloves approved to relevant standards (e.g. Europe: EN374.) Gloves must be inspected prior to use.<br>Suggested material: Viton rubber (fluor rubber). Nitrile. >8 hours (breakthrough time).<br>Consult manufacturer for specific advice on material. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Change gloves regularly. |
| Eye protection        | Wear safety goggles or face shield to prevent any possibility of eye contact. Use equipment<br>for eye protection tested and approved under appropriate government standards such as EN<br>166(EU).  |
| Other protection      | Wear appropriate clothing to prevent any possibility of skin contact. Fire/chemical resistant full-length overalls and boots.<br>Protective clothing should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. The selected clothing must satisfy the European norm standard EN 943.  |
| Hygiene measures      | Handle in accordance with good industrial hygiene and safety practice. Observe normal hygiene standards. Keep container tightly closed. Do not eat, drink or smoke during work. Wash promptly if skin becomes contaminated.  |
| Process conditions    | Ensure that eye flushing systems and safety showers are located close by in the work place.  |

## Section 9: Physical and chemical properties

## 9.1 Information on basic physical and chemical properties

| Appearance<br>Colour<br>Odour | Liquid.<br>Various.<br>Aromatic.                            |
|-------------------------------|---|
| Odour threshold - lower       | No information available as testing has not been completed. |
| Odour threshold - upper       | No information available as testing has not been completed. |
| pH-Value, Conc. Solution      | No information available as testing has not been completed. |
| pH-Value, Diluted solution    | No information available as testing has not been completed. |
| Melting point                 | No information available as testing has not been completed. |

| Initial boiling point and boiling          | >35°C   |
|--|---|
| range                                      |   |
| Flash point                                | 23.00 - 55.00 °C  |
| Evaporation rate                           | No information available as testing has not been completed.           |
| Flammability state                         | Flammable liquid and vapour.  |
| Flammability limit - lower(%)              | No information available as testing has not been completed.           |
| Flammability limit - upper(%)              | No information available as testing has not been completed.           |
| Vapour pressure                            | No information available as testing has not been completed.           |
| Vapour density (air=1)                     | No information available as testing has not been completed.           |
| Relative density                           | 0.95-1.30g/cm <sup>3</sup> @ 20.00 °C                                 |
| Bulk density                               | No information available as testing has not been completed.           |
| Solubility                                 | Insoluble.  |
| Decomposition temperature                  | No information available as testing has not been completed.           |
| Partition coefficient; n-<br>Octanol/Water | No information available as testing has not been completed.           |
| Auto ignition temperature (°C)             | No information available as testing has not been completed.           |
| Viscosity                                  | (Kinematic) > 20.5 mm2/s @ 40 C.                                      |
| Explosive properties                       | Not classified as explosive.  |
| Oxidising properties                       | The product does not meet the criteria to be classified as oxidising. |
| 9.2 Other information                      |   |
| Molecular weight                           | The product is a mixture, molecular weight data is not required.      |
| Volatile organic compound                  | VOC g/l: Cat A (i) Max VOC is 495g/l.                                 |
| Other information                          | None noted.   |

| Section 10: Stability and reactivity  |  |
|---|--|
| 10.1 Reactivity   |  |
| Reactivity  | Reaction with: strong oxidising substances and acids. Flammable liquid and vapour.   |
| 10.2 Chemical stability   |  |
| Stability   | Stable under normal temperature conditions and recommended use.  |
| <b>10.3 Possibility of hazardous reactions</b>                                |  |
| Hazardous reactions<br>Hazardous polymerisation<br>Polymerisation description | For information on hazardous reactions see section 10.1.<br>No information available as testing has not been completed.<br>No information available as testing has not been completed. |
| <b>10.4 Conditions to Avoid</b><br>Conditions to avoid                        | Heat, sparks, open flames, temperature extremes and direct sunlight.   |
| 10.5 Incompatible materials   |  |
| Materials to avoid  | Keep away from incompatibles such as oxidizing agents, acids, alkalis. Do not mix with other chemicals unless listed on directions.  |

### **10.6 Hazardous decomposition products**

Hazardous decomposition products Thermal decomposition or combustion may liberate carbon oxides and nitrogen oxides.

### Section 11: Toxicological information

### **<u>11.1 Information on toxicological effects</u>**

| Toxicological information   | No toxicological information for the overall finished product.   |  |  |  |
|---|--|--|--|--|
| Acute toxicity (Oral LD50)<br>Acute toxicity (Dermal LD50)<br>Acute toxicity (Inhalation LD50)  | No information available as testing has not been completed.<br>No information available as testing has not been completed.<br>No information available as testing has not been completed.  |  |  |  |
| Serious eye damage/irritation   | Causes serious eye irritation.   |  |  |  |
| Skin corrosion/irritation   | The product is classified as a skin corrosion/irritation hazard.   |  |  |  |
| Respiratory sensitisation<br>Skin sensitisation   | The product is not classified as a respiratory hazard.<br>The product is not classified as a skin sensitisation hazard.  |  |  |  |
| Germ cell mutagenicity  | The product is not classified as a mutagen.  |  |  |  |
| Carcinogenicity   | The product is not classified as a carcinogen hazard.  |  |  |  |
| Specific target organ toxicity - Single exposure:STOT - Single exposureThe product is classified as a single exposure specific target organ toxin.Specific target organ toxicity - Repeated exposure:The product is classified as a repeat exposure specific target organ toxin.STOT - Repeated exposureThe product is classified as a repeat exposure specific target organ toxin. |  |  |  |  |
| Inhalation  | May cause respiratory irritation. Vapors may cause drowsiness and dizziness. There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.  |  |  |  |
| Ingestion<br>Skin contact<br>Eye contact<br>Waste management  | May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.<br>Avoid contact. Contact with skin may cause irritation.<br>May cause redness, swelling, pain and tearing. Causes serious eye irritation.<br>When handling waste, consideration should be made to the safety precautions applying to<br>handling of the product. |  |  |  |
| Routes of entry<br>Target organs  | Eye and skin contact, ingestion or inhalation.<br>Eyes, skin, digestive system, respiratory system.  |  |  |  |
| Aspiration hazards:<br>Reproductive toxicity:   | The product is not classified as an aspiration hazard.<br>The product is not classified as a reproductive hazard.  |  |  |  |

| Name  | LD50 oral         | LD50 dermal          | LD50 inhalation                 |
|---|-------------------|----------------------|---------------------------------|
| ethylbenzene  | 3500.00mg/kg Rat  | >5000.00mg/kg Rabbit |                                 |
| xylene  | 4300.00mg/kg Rat  |                      | 5000.00ppmV Rat 4 Hours         |
| Quartz (SiO2)   | >5000.00mg/kg Rat |                      |                                 |
| propionic acid  | 2600.00mg/kg Rat  | 525.00mg/kg Rabbit   | >4.90g/m3 Rat 4 Hours           |
| Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics | >5000.00mg/kg Rat | >5000.00mg/kg Rabbit | 4951.00mg/m-3 Rat 4 Hours       |
| 2-ethylhexanoic acid, zirconium salt                                | >5.00g/kg Rat     | >5.00g/kg Rabbit     |                                 |
| butanone oxime  | 2326.00mg/kg Rat  | 1000.00mg/kg Rabbit  | >4.80mg/l (vapours) Rat 4 Hours |

## Section 12: Ecological information

## 12.1 Toxicity

Acute toxicity - Fish Acute toxicity - Aquatic plants Acute toxicity - Microorganisms **Chronic toxicity - Fish Chronic toxicity - Aquatic** invertebrates

No information available as testing has not been completed. Acute toxicity - Aquatic invertebrates No information available as testing has not been completed. No information available as testing has not been completed. No information available as testing has not been completed. No information available as testing has not been completed. No information available as testing has not been completed.

| Chronic toxicity - Aquatic plants<br>Chronic toxicity - Microorganisms<br>Ecotoxicity<br>Eco toxilogical information | No information available as testing has not been completed.<br>No information available as testing has not been completed.<br>The product is not classified as environmentally hazardous. However, this does not exclude<br>the possibility that large or frequent spills can have a harmful or damaging effect on the<br>environment.<br>Not classified as dangerous for the environment according to the criteria of Regulation (EC)<br>No 1272/2008. |
|--|---|
| 12.2 Persistence and degradability   |   |
| Degradability<br>Biological oxygen demand<br>Chemical oxygen demand  | No information available as testing has not been completed.<br>No information available as testing has not been completed.<br>No information available as testing has not been completed.   |
| 12.3 Bioaccumulative potential   |   |
| Bioaccumulative potential<br>Bioaccumulation factor<br>Partition coefficient; n-<br>Octanol/Water                    | No information available as testing has not been completed.<br>No information available as testing has not been completed.<br>No information available as testing has not been completed.   |
| <u>12.4 Mobility in soil</u><br>Mobility   | Readily absorbed in soil.   |

#### 12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment The product does not contain any PBT or vPvB Substances.

### **12.6 Other adverse effects**

Other adverse effects

No information available.

| Name   | Acute toxicity (Fish)  | Acute toxicity (Aquatic<br>invertebrates)  | Acute toxicity<br>(Aquatic plants)                  |
|--|--|--|---|
| ethylbenzene   | LC50 96 Hours 4.20mg/l Onchorhynchus mykiss<br>(Rainbow Trout)   | EC50 48 Hours <4.40mg/l Daphnia<br>magna   | EC50 72 Hours<br>4.60mg/l EC50 96<br>Hours 3.60mg/l |
| xylene   | LC50 96 Hours 13.40mg/l Pimephales promelas<br>(Fat-head Minnow) |  |   |
| Quartz (SiO2)  | >500.00mg/l Onchorhynchus mykiss (Rainbow<br>Trout)              | 48 Hours >300.00mg/l Daphnia magna         |   |
| propionic acid   | LC50 96 Hours 51.00ppm Onchorhynchus mykiss<br>(Rainbow Trout)   | EC50 48 Hours 22.70ppm Daphnia<br>magna    |   |
| Hydrocarbons, C9-C11, n-<br>alkanes, isoalkanes, cyclics,<br><2% aromatics | LC50 96 Hours >100.00ppm Freshwater Fish                         | LC50 48 Hours >100.00mg/l Daphnia<br>magna |   |
| butanone oxime   | LC50 96 Hours 48.00mg/l Freshwater Fish                          | LC50 48 Hours 750.00mg/l Daphnia<br>magna  |   |

### Section 13: Disposal considerations

Waste management

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

### **13.1 Waste treatment methods**

**Disposal methods** 

Dispose of waste and residues in accordance with local authority requirements, and in accordance with all local, national and international regulations. For waste disposal, use a licensed industrial waste disposal agent.

### Section 14: Transport information

### 14.1 UN number

|  |  | <br> |
|--|--|------|
| UN no. (ADR)<br>UN no. (IMDG)<br>UN no. (IATA)                                     | UN1263<br>UN1263<br>UN1263   |      |
| <b>14.2 UN proper shipping name</b>  |  |      |
| ADR proper shipping name<br>IMDG proper shipping name<br>IATA proper shipping name | PAINT or PAINT RELATED MATERIAL<br>PAINT or PAINT RELATED MATERIAL<br>PAINT RELATED MATERIAL |      |
| <u>14.3 Transport hazard class(es)</u>   |  |      |
| ADR class<br>IMDG class<br>IATA class  | 3<br>3<br>3  |      |
| Transport labels<br>14.4 Packing group   |  |      |
| ADR/RID/ADN packing group<br>IMDG packing group<br>IATA packing group              | III<br>III<br>III  |      |
| 14.5 Environmental hazards   |  |      |
| ADR<br>IMDG<br>IATA  | No<br>No<br>No   |      |
| 14.6 Special precautions for user  |  |      |
| EMS<br>Emergency action code<br>Hazard no. (ADR)<br>Tunnel restriction code        | F-E, S-E<br>A3 A72 A192<br><none><br/>(E)</none>   |      |
|  |  |      |

### 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

| EU legislation                           | Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16<br>December 2008 on classification, labelling and packaging of substances and mixtures,<br>amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation<br>(EC) No 1907/2006 with amendments. The UN Globally Harmonized System (GHS) Safety<br>Data Sheet format (Annex IV) is implemented as Annex II of REACH EU No 830/2015 of 28<br>May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the<br>Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals<br>(REACH). |
|--|---|
| Approved code of practice                | 2020 Code of Practice for the Safety, Health and Welfare at Work (Chemical Agents)<br>Regulations (2001-2015) and the Safety, Health and Welfare at Work (Carcinogens)<br>Regulations (2001-2019)   |
| Chemical safety assessment               | No chemical safety assessment has been carried out.   |
| Section 16: Other information            |   |
| General information<br>Revision comments | This Safety Data Sheet is in accordance with REACH Annex II, (EC) No 830/2015.<br>[1]Information updated. [2]Classification updated. [3]Information updated. [4]Information<br>updated. [8]Code of practice updated. Information updated. [9]Information updated.   |

[10]Information updated. [11]Information updated. [12]Information updated. [13]Information

updated. [15]Information updated. This is a second issue. 14 October 2020 27 October 2016 2 Approved.

#### Hazard statements in full

**Revision date** 

Revision

Supersedes date

Safety data sheet status

| H226   | Flammable liquid and vapour.  |
|--------|---|
| H304   | May be fatal if swallowed and enters airways.                       |
| H312   | Harmful in contact with skin.                                       |
| H315   | Causes skin irritation.   |
| H319   | Causes serious eye irritation.                                      |
| H332   | Harmful if inhaled.   |
| H335   | May cause respiratory irritation.                                   |
| H373   | May cause damage to organs through prolonged or repeated exposure . |
| H412   | Harmful to aquatic life with long lasting effects.                  |
| H225   | Highly flammable liquid and vapour.                                 |
| H361   | Suspected of damaging fertility or the unborn child .               |
| EUH066 | Repeated exposure may cause skin dryness or cracking.               |
| H336   | May cause drowsiness or dizziness.                                  |
| H317   | May cause an allergic skin reaction.                                |
| H318   | Causes serious eye damage.  |
| H351   | Suspected of causing cancer .                                       |
| H360   | May damage fertility or the unborn child .                          |
| H400   | Very toxic to aquatic life.   |
| H314   | Causes severe skin burns and eye damage.                            |
| EUH208 | Contains butanone oxime. May produce an allergic reaction.          |

#### Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use. Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.