## SAFETY DATA SHEET

Wood Primer

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

| 1.1 Product identifier |  |
| :--- | :--- |
| Product name | : Wood Primer |
| Product description | : Primer |
| Product type | : Liquid. |

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

| Identified uses |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: |
| Industrial uses <br> Consumer uses <br> Professional uses |  |  |  |  |
| Uses advised against |  |  |  | Reason |
| None identified. | - |  |  |  |

1.3 Details of the supplier of the safety data sheet

Blackfriar Paints Ltd
Portobello Industrial Estate
Birtley
County Durham
United Kingdom
DH3 2RE
Telephone no.: +44 (0) 1914106611
Fax no.: +44 (0) 1914920125
e-mail address of person : rpmeurohas@ro-m.com
responsible for this SDS
1.4 Emergency telephone number

## Supplier

| Telephone number | $:+44(0) 2078581228$ |
| :--- | :--- |
| Hours of operation | $: 24 / 7$ |

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture <br> Product definition : Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Flam. Liq. 3, H226
The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.
See Section 16 for the full text of the H statements declared above.
See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

Wood Primer

## Hazard pictograms

:


| Signal word | : Warning |
| :---: | :---: |
| Hazard statements | : Flammable liquid and vapour. |
| Precautionary statements |  |
| General | : P102 - Keep out of reach of children. <br> P103 - Read label before use. <br> P101 - If medical advice is needed, have product container or label at hand. |
| Prevention | : P210-Keep away from heat, sparks, open flames and hot surfaces. - No smoking. |
| Response | : P303 - IF ON SKIN (or hair): <br> P361 - Take off immediately all contaminated clothing. <br> P353 - Rinse skin with water or shower. |
| Storage | : P403-Store in a well-ventilated place. P235 - Keep cool. |
| Disposal | : P501-Dispose of contents and container in accordance with all local, regional, national and international regulations. |
| Hazardous ingredients | : Not applicable. |
| Supplemental label elements | : Not applicable. |
| Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles | : Not applicable. |
| UFI Code | : 9ETA-2JR6-XNJY-FEJN |

## Special packaging requirements

Containers to be fitted : Not applicable.
with child-resistant
fastenings
Tactile warning of danger : Not applicable.

### 2.3 Other hazards

Other hazards which do : None known. not result in classification

## SECTION 3: Composition/information on ingredients

3.2 Mixtures

| Product/ingredient name | Identifiers | \% | Classification <br> Regulation (EC) No. 1272/2008 [CLP] | Type |
| :---: | :---: | :---: | :---: | :---: |
| hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2\% aromatics | REACH \#: <br> 01-2119463258-33 <br> EC: 919-857-5 <br> Index: 649-327-00-6 | $\geq 10-\leq 25$ | Flam. Liq. 3, H226 <br> STOT SE 3, H336 <br> Asp. Tox. 1, H304 <br> EUH066 <br> See Section 16 for the full text of the H statements declared above. | [1] [2] |

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Wood Primer

## SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

## Type

[1] Substance classified with a health or environmental hazard
[2] Substance with a workplace exposure limit
[3] Substance meets the criteria for PBT according to Regulation (EC) No. 1907/2006, Annex XIII
[4] Substance meets the criteria for vPvB according to Regulation (EC) No. 1907/2006, Annex XIII
[5] Substance of equivalent concern
Occupational exposure limits, if available, are listed in Section 8.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

| General | In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and seek medical advice. |
| :---: | :---: |
| Eye contact | : Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice. |
| Inhalation | : Remove to fresh air. Keep person warm and at rest. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. |
| Skin contact | : Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognised skin cleanser. Do NOT use solvents or thinners. |
| Ingestion | : If swallowed, seek medical advice immediately and show the container or label. Keep person warm and at rest. Do NOT induce vomiting. |
| Protection of first-aiders | : No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. |

4.2 Most important symptoms and effects, both acute and delayed

Exposure to component solvent vapour concentrations in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and, in extreme cases, loss of consciousness.
Solvents may cause some of the above effects by absorption through the skin. Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin, resulting in non-allergic contact dermatitis and absorption through the skin.
If splashed in the eyes, the liquid may cause irritation and reversible damage.
Ingestion may cause nausea, diarrhea and vomiting.
This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

Over-exposure signs/symptoms

| Eye contact | $:$ No specific data. |
| :--- | :--- |
| Inhalation | : No specific data. |
| Skin contact | $:$ No specific data. |
| Ingestion | $:$ No specific data. |

4.3 Indication of any immediate medical attention and special treatment needed

| Notes to physician | $:$Treat symptomatically. Contact poison treatment specialist immediately if large <br>  <br> Quantities have been ingested or inhaled. |
| :--- | :--- |
| Specific treatments | $:$ No specific treatment. |

See toxicological information (Section 11)

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

| Suitable extinguishing | : Recommended: alcohol-resistant foam, $\mathrm{CO}_{2}$, powders, water spray. |
| :--- | :--- |
| media |  |$\quad$| Unsuitable extinguishing |
| :--- |
| media |

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

Hazards from the
substance or mixture

## Hazardous thermal decomposition products

: Flammable liquid and vapour. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapour/gas is heavier than air and will spread along the ground. Vapours may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
: Decomposition products may include the following materials:
carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides

### 5.3 Advice for firefighters

Special protective actions for fire-fighters

Special protective equipment for fire-fighters

Additional information
: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
: 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.
: No unusual hazard if involved in a fire.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

| For non-emergency | $:$No action shall be taken involving any personal risk or without suitable training. <br> personnel <br>  <br> Evacuate surrounding areas. Keep unnecessary and unprotected personnel from <br> entering. Do not touch or walk through spilt material. Shut off all ignition sources. |
| :--- | :--- | :--- |
|  | No flares, smoking or flames in hazard area. Avoid breathing vapour or mist. |
|  | Provide adequate ventilation. Wear appropriate respirator when ventilation is <br> inadequate. Put on appropriate personal protective equipment. |
| For emergency responders $:$ | If specialised clothing is required to deal with the spillage, take note of any <br> information in Section 8 on suitable and unsuitable materials. See also the <br> information in "For non-emergency personnel". |


| 6.2 Environmental <br> precautions | : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains <br> and sewers. Inform the relevant authorities if the product has caused environmental <br> pollution (sewers, waterways, soil or air). |
| :--- | :--- |

### 6.3 Methods and material for containment and cleaning up

Small spill
: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

## SECTION 6: Accidental release measures

: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

6.4 Reference to other $\quad$| : See Section 1 for emergency contact information. |
| :--- |
| sections |
|  |
|  |
|  |
| See Section 8 for information on appropriate personal protective equipment. |
| See Section 13 for additional waste treatment information. |

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance.

### 7.1 Precautions for safe handling

: Prevent the creation of flammable or explosive concentrations of vapours in air and avoid vapour concentrations higher than the occupational exposure limits. In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded. Electrical equipment should be protected to the appropriate standard.
Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.
Operators should wear antistatic footwear and clothing and floors should be of the conducting type.
Keep away from heat, sparks and flame. No sparking tools should be used.
Avoid contact with skin and eyes. Avoid the inhalation of dust, particulates, spray or mist arising from the application of this mixture. Avoid inhalation of dust from sanding.
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed.
Put on appropriate personal protective equipment (see Section 8).
Never use pressure to empty. Container is not a pressure vessel.
Always keep in containers made from the same material as the original one.
Comply with the health and safety at work laws.
Do not allow to enter drains or watercourses.
Information on fire and explosion protection
Vapours are heavier than air and may spread along floors. Vapours may form explosive mixtures with air.

When operators, whether spraying or not, have to work inside the spray booth, ventilation is unlikely to be sufficient to control particulates and solvent vapour in all cases. In such circumstances they should wear a compressed air-fed respirator during the spraying process and until such time as the particulates and solvent vapour concentration has fallen below the exposure limits.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations.

## Notes on joint storage

Keep away from: oxidising agents, strong alkalis, strong acids.

## Additional information on storage conditions

Observe label precautions. Store in a dry, cool and well-ventilated area. Keep away from heat and direct sunlight. Keep away from sources of ignition. No smoking. Prevent unauthorised access. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

## Danger criteria

| Category | Notification and MAPP <br> threshold | Safety report threshold |  |
| :--- | :--- | :--- | :--- |
| P5c | 5000 | 50000 |  |
| Date of issue/Date of revision | $: 28 / 11 / 2018$ | Date of previous issue $\quad: 28 / 11 / 2018$ | Version $: 2$ |

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## SECTION 7: Handling and storage

### 7.3 Specific end use(s)

## Recommendations <br> : Not available <br> Industrial sector specific : Not available. solutions

## SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

Occupational exposure limits

| Product/ingredient name | Exposure limit values |
| :--- | :--- |
| hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, | EH40/2005 WELs (United Kingdom (UK), 8/2007). |
| $<2 \%$ aromatics | STEL: $850 \mathrm{mg} / \mathrm{m}^{3}$, (as turpentine (150 ppm)) 15 minutes. Form: |
|  | Vapour |
|  | TWA: $566 \mathrm{mg} / \mathrm{m}^{3}$, (as turpentine (100 ppm)) 8 hours. Form: |
|  | Vapour |

Recommended monitoring : If this product contains ingredients with exposure limits, personal, workplace procedures atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
DNELs/DMELs

| Product/ingredient name | Type | Exposure | Value | Population | Effects |
| :---: | :---: | :---: | :---: | :---: | :---: |
| hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, $<2 \%$ aromatics | DNEL <br> DNEL <br> DNEL <br> DNEL | Long term Dermal <br> Long term Inhalation Long term Oral, Dermal Long term Inhalation | $208 \mathrm{mg} / \mathrm{kg}$ bw/day 871 mg/m ${ }^{3}$ <br> $125 \mathrm{mg} / \mathrm{kg}$ bw/day $185 \mathrm{mg} / \mathrm{m}^{3}$ | Workers <br> Workers <br> Consumers <br> Consumers | Systemic <br> Systemic <br> Systemic <br> Systemic |

## PNECs

No PNECs available

### 8.2 Exposure controls

Appropriate engineering controls
: Provide adequate ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn.

Individual protection measures

## SECTION 8: Exposure controls/personal protection

Hygiene measures<br>Eye/face protection

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. Recommended: safety glasses with side-shields. (EN 166)

## Skin protection <br> Hand protection

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.
The breakthrough time must be greater than the end use time of the product.
The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.
Gloves should be replaced regularly and if there is any sign of damage to the glove material.
Always ensure that gloves are free from defects and that they are stored and used correctly.
The performance or effectiveness of the glove may be reduced by physical/chemical damage and poor maintenance.
Barrier creams may help to protect the exposed areas of the skin but should not be applied once exposure has occurred.
Gloves : For prolonged or repeated handling, use the following type of gloves:
Recommended: > 8 hours (breakthrough time): nitrile rubber ( 0.5 mm )
The recommendation for the type or types of glove to use when handling this product is based on information from the following source:
EN 374
The user must check that the final choice of type of glove selected for handling this product is the most appropriate and takes into account the particular conditions of use, as included in the user's risk assessment.
Body protection : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods. Recommended: Personnel should wear antistatic clothing made of natural fibres or of high-temperature-resistant synthetic fibres. (EN 1149-1)
Other skin protection : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use. Recommended: organic vapour filter (Type A) (EN 140)

| Environmental exposure <br> controls | Emissions from ventilation or work process equipment should be checked to ensure <br> they comply with the requirements of environmental protection legislation. In some |
| :--- | :--- |
| cases, fume scrubbers, filters or engineering modifications to the process |  |
| equipment will be necessary to reduce emissions to acceptable levels. |  |

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

| Appearance |  |
| :---: | :---: |
| Physical state | Liquid. |
| Colour | White. |
| Odour | Hydrocarbon. |
| Odour threshold | Not available. |
| pH | Not available. |
| Melting point/freezing point | Not available. |
| Initial boiling point and boiling range | Not available. |
| Flash point | Closed cup: $37^{\circ} \mathrm{C}$ |
| Evaporation rate | Not available. |
| Flammability (solid, gas) | Flammable in the presence of the following materials or conditions: open flames, sparks and static discharge, heat and shocks and mechanical impacts. |
| Upper/lower flammability or explosive limits | Lower: 0,6\% <br> Upper: 8\% |
| Vapour pressure | Not available. |
| Vapour density | >1 [Air = 1] |
| Relative density | 1,66 to 1,67 |
| Solubility(ies) | Not available. |
| Partition coefficient: n-octanol/ water | Not available. |
| Auto-ignition temperature | Not available. |
| Decomposition temperature | Not available. |
| Viscosity | Kinematic (room temperature): 1,2 to $1,8 \mathrm{~cm}^{2} / \mathrm{s}$ |
| Explosive properties | Non-explosive in the presence of the following materials or conditions: open flames, sparks and static discharge, heat and shocks and mechanical impacts. |
| Oxidising properties | Not available. |

### 9.2 Other information

No additional information.

## SECTION 10: Stability and reactivity

10.1 Reactivity
10.2 Chemical stability
10.3 Possibility of hazardous reactions
10.4 Conditions to avoid
10.5 Incompatible materials
10.6 Hazardous
decomposition products
: No specific test data related to reactivity available for this product or its ingredients.
: Stable under recommended storage and handling conditions (see Section 7).
: Under normal conditions of storage and use, hazardous reactions will not occur.
: When exposed to high temperatures may produce hazardous decomposition products.
: Keep away from the following materials to prevent strong exothermic reactions: oxidising agents, strong alkalis, strong acids.
: Under normal conditions of storage and use, hazardous decomposition products should not be produced. If involved in a fire, toxic gases including CO, CO2 and smoke can be generated.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

| Acute toxicity |
| :--- |
| Conclusion/Summary |
| Acute toxicity estimates |


| Not available. Based on available data, the classification criteria are not met. |  |
| :--- | :--- |
| Irritation/Corrosion | : Based on available data, the classification criteria are not met. |
| Conclusion/Summary | : Based on available data, the classification criteria are not met. |
| Skin | : Based on available data, the classification criteria are not met. |
| Eyes |  |
| Respiratory |  | | Sensitisation |
| :--- |


| Product/ingredient name | Route of <br> exposure | Species | Result |
| :--- | :--- | :--- | :--- |
| hydrocarbons, C9-C11, n-/ <br> iso-/ cyclo-alkanes, $<2 \%$ <br> aromatics | skin | Rabbit | Not sensitizing |

Conclusion/Summary
Skin : Based on available data, the classification criteria are not met.
Respiratory : Based on available data, the classification criteria are not met.
Mutagenicity
Conclusion/Summary : Based on available data, the classification criteria are not met.
Carcinogenicity
Conclusion/Summary : Based on available data, the classification criteria are not met.
Reproductive toxicity
Conclusion/Summary : Based on available data, the classification criteria are not met.
Teratogenicity
Conclusion/Summary : Based on available data, the classification criteria are not met.
Specific target organ toxicity (single exposure)

| Product/ingredient name | Category | Route of <br> exposure | Target organs |
| :--- | :--- | :--- | :--- |
| hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2\% <br> aromatics | Category 3 | Not applicable. | Narcotic effects |

## Specific target organ toxicity (repeated exposure)

Not available.
Aspiration hazard

| Product/ingredient name | Result |
| :---: | :---: |
| hydrocarbons, C9-C11, n-/ iso-/ cyclo-alkanes, < 2\% aromatics | ASPIRATION HAZARD - Category 1 |

Delayed and immediate effects as well as chronic effects from short and long-term exposure

| Short term exposure | : Not available. |
| :--- | :--- |
| Potential immediate <br> effects |  |
| Potential delayed effects <br> Long term exposure | : Not available. |
| Potential immediate <br> effects | $:$ Not available. |
| Potential delayed effects |  |

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## SECTION 11: Toxicological information

## Potential chronic health effects

Not available.

| Conclusion/Summary | : Based on available data, the classification criteria are not met. |
| :--- | :--- |
| General | : No known significant effects or critical hazards. |
| Carcinogenicity | $:$ No known significant effects or critical hazards. |
| Mutagenicity | : No known significant effects or critical hazards. |
| Teratogenicity | : No known significant effects or critical hazards. |
| Developmental effects | $:$ No known significant effects or critical hazards. |
| Fertility effects | : No known significant effects or critical hazards. |
|  |  |
| Other information | : Not available. |

## SECTION 12: Ecological information

### 12.1 Toxicity

There are no data available on the mixture itself.
Do not allow to enter drains or watercourses.

| Product/ingredient name | Result | Species | Exposure |
| :--- | :--- | :--- | :--- |
| hydrocarbons, C9-C11, n-/ <br> iso-/ cyclo-alkanes, < $2 \%$ <br> aromatics | Acute NOEC $100 \mathrm{mg} / \mathrm{l}$ | Algae - Pseudokirchneriella <br> subcapitata | 72 hours |
|  | Chronic NOEC $0,23 \mathrm{mg} / \mathrm{l}$ <br> Chronic NOEC $0,131 \mathrm{mg} / \mathrm{l}$ | Daphnia spec. <br> Fish | - |

Conclusion/Summary : Based on available data, the classification criteria are not met.
12.2 Persistence and degradability

| Product/ingredient name | Test | Result | Dose | Inoculum |
| :--- | :--- | :--- | :--- | :--- |
| hydrocarbons, C9-C11, n-/ <br> iso-/ cyclo-alkanes, < 2\% <br> aromatics | OECD 301B | $>80 \%$ - Readily - 28 days | - | - |

Conclusion/Summary : This product has not been tested for biodegradation.

| Product/ingredient name | Aquatic half-life | Photolysis | Biodegradability |
| :--- | :--- | :--- | :--- |
| hydrocarbons, C9-C11, n-/ <br> iso-/ cyclo-alkanes, < 2\% <br> aromatics | - | $100 \% ;<28$ day(s) | Readily |

12.3 Bioaccumulative potential

| Product/ingredient name | LogP $_{\text {ow }}$ | BCF | Potential |
| :--- | :--- | :--- | :--- |
| hydrocarbons, C9-C11, n-/ <br> iso-/ cyclo-alkanes, $<2 \%$ <br> aromatics | 5 to 6.5 | - | high |

### 12.4 Mobility in soil

| Soil/water partition <br> coefficient (Koc) | $:$ Not available. |
| :--- | :--- |
| Mobility | $:$ Volatile. |

### 12.5 Results of PBT and vPvB assessment

PBT
: Not applicable.

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## SECTION 12: Ecological information

vPvB
: Not applicable
12.6 Other adverse effects : No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance.

### 13.1 Waste treatment methods

Product

Methods of disposal

Hazardous waste
Disposal considerations
: The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and nonrecyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
: Yes.
: Do not allow to enter drains or watercourses.
Dispose of according to all federal, state and local applicable regulations. If this product is mixed with other wastes, the original waste product code may no longer apply and the appropriate code should be assigned.
For further information, contact your local waste authority.

## European waste catalogue (EWC)

The European Waste Catalogue classification of this product, when disposed of as waste, is:

| Waste code | Waste designation |
| :---: | :--- |
| 0801 11* | waste paint and varnish containing organic solvents or other hazardous substances |

## Packaging

Methods of disposal

Disposal considerations
: The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.
: Using information provided in this safety data sheet, advice should be obtained from the relevant waste authority on the classification of empty containers. Empty containers must be scrapped or reconditioned.
Dispose of containers contaminated by the product in accordance with local or national legal provisions.

Special precautions
: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapour from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

|  | ADR/RID | ADN | IMDG | IATA |
| :--- | :--- | :--- | :--- | :--- |
| 14.1 UN number | UN1263 | UN1263 | UN1263 | UN1263 |
| 14.2 UN proper <br> shipping name | Paint. | Paint. | Paint. | Paint. |
|  |  |  |  |  |
|  |  |  |  |  |
| Date of issue/Date of revision | $: 28 / 11 / 2018$ | Date of previous issue | $: 28 / 11 / 2018$ | Version :2 |

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## SECTION 14: Transport information

| 14.3 Transport hazard class(es) | $3$ | $3$ |  | $\begin{array}{\|c} 3 \\ 3 \\ \ggg y \end{array}$ |
| :---: | :---: | :---: | :---: | :---: |
| 14.4 Packing group | III | III | III | III |
| 14.5 <br> Environmental hazards | No. | No. | No. | No. |
| Additional information | Remarks: <br> ( $\leq 5 \mathrm{~L}$ : ) Limited Quantity - ADR/IMDG 3.4 <br> ADR Tunnel code: (D/ E) | - | Emergency schedules (EmS): $F-E+S-E$ <br> Remarks: <br> ( $\leq 5 \mathrm{~L}$ : ) Limited <br> Quantity - ADR/IMDG 3.4.6 | Passenger and Cargo Aircraft <br> Quantity limitation: 60 L <br> Packaging instructions: 355 <br> Cargo Aircraft Only <br> Quantity limitation: <br> 220 L <br> Packaging instructions: 366 <br> Limited Quantities - <br> Passenger Aircraft <br> Quantity limitation: 10 <br> L <br> Packaging <br> instructions: Y 344 |

14.6 Special precautions for : Transport within user's premises: always transport in closed containers that are user upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

## SECTION 15: Regulatory information

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

## EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

## Annex XIV

None of the components are listed.
Substances of very high concern
None of the components are listed.
Annex XVII-Restrictions : Not applicable.
on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles
Other EU regulations

VOC

VOC for Ready-for-Use
Mixture
Europe inventory
: The provisions of Directive 2004/42/EC on VOC apply to this product. Refer to the product label and/or technical data sheet for further information.
: IIA/g. Primers. EU limit value for this product : $350 \mathrm{~g} / \mathrm{I}$ (2010.)
This product contains a maximum of $350 \mathrm{~g} / \mathrm{IVOC}$.
: All components are listed or exempted.

## SECTION 15: Regulatory information

| Black List Chemicals |
| :--- |
| (76/464/EEC) |

Ozone depleting substances (1005/2009/EU)
Not listed.
Prior Informed Consent (PIC) (649/2012/EU)
Not listed.
Seveso Directive
This product is controlled under the Seveso Directive.
Danger criteria

| Category |
| :--- | :--- |
| P5c |

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation. The provisions of the national health and safety at work regulations apply to the use of this product at work.
References : EH40/2005 Workplace exposure limits Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2016/918

## International regulations

Chemical Weapon Convention List Schedules I, II \& III Chemicals
Not listed.

## Montreal Protocol (Annexes A, B, C, E)

Not listed.

## Stockholm Convention on Persistent Organic Pollutants

Not listed.

## Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

## UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.
CN code : 32099091
International lists
National inventory

| Australia | $:$ Not determined. |
| :--- | :--- |
| Canada | $:$ Not determined. |
| China | $:$ At least one component is not listed. |
| Japan | $:$ Japan inventory (ENCS): At least one component is not listed. |
|  | $:$ Japan inventory (ISHL): At least one component is not listed. |
| Malaysia | : At least one component is not listed. |
| New Zealand | $:$ Not determined. |
| Philippines | $:$ Not determined. |
| Republic of Korea | $:$ At least one component is not listed. |
| Taiwan | $:$ Not determined. |
| Turkey | Not determined. |

Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Regulation (EU) No. 2016/918

## SECTION 15: Regulatory information

15.2 Chemical safety : No Chemical Safety Assessment has been carried out. assessment

## SECTION 16: Other information

Indicates information that has changed from previously issued version.

| Abbreviations and acronyms | ATE = Acute Toxicity Estimate <br> CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] <br> DMEL = Derived Minimal Effect Level <br> DNEL = Derived No Effect Level <br> EUH statement $=$ CLP-specific Hazard statement <br> PBT = Persistent, Bioaccumulative and Toxic <br> PNEC = Predicted No Effect Concentration <br> RRN = REACH Registration Number <br> $\mathrm{vPvB}=$ Very Persistent and Very Bioaccumulative |
| :---: | :---: |

Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

| Classification |  |
| :--- | :--- |
| Flam. Liq. 3, H226 | Expert judgment |

Full text of H-phrases referred to in sections 2 and 3

| Full text of abbreviated H <br> statements | $:$H226 <br> H304 <br> H336 | Flammable liquid and vapour. <br> May be fatal if swallowed and enters airways. <br> May cause drowsiness or dizziness. |
| :--- | :--- | :--- |
| Full text of classifications <br> [CLP/GHS] | $:$Asp. Tox. 1, H304 <br> EUH066 <br> Flam. Liq. 3, H226 <br> STOT SE 3, H336 | ASPIRATION HAZARD - Category 1 <br> Repeated exposure may cause skin dryness or cracking. <br> FLAMMABLE LIQUIDS - Category 3 <br> SPECIFIC TARGET ORGAN TOXICITY - SINGLE <br> EXPOSURE (Narcotic effects) - Category 3 |

## Notice to reader

The information in this Safety Data Sheet is based on the present state of knowledge and current legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.

