SAFETY DATA SHEET
DICCOPLAST 30

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

1.1 Product identifier
Product name: DICCOPLAST 30
Product description: A two-component acid catalysed lacquer.

1.2 Relevant identified uses of the substance or mixture and uses advised against
| Identified uses | Uses in Coatings - Industrial use. |

1.3 Details of the supplier of the safety data sheet
Manufacturer or Distributor
Tikkurila Oyj
P.O. Box 53
FI-01301 VANTAA
FINLAND
Telephone +358 20 191 2000

e-mail address of person responsible for this SDS:
Tikkurila Oyj, Product Safety, e-mail: productsafety@tikkurila.com

1.4 Emergency telephone number
<table>
<thead>
<tr>
<th>Supplier or Manufacturer</th>
<th>Telephone number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tikkurila Oyj</td>
<td>+358 20 191 2000 (GMT +2) Mon-Fri 8-16</td>
</tr>
</tbody>
</table>

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
Product definition: Mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]
Flam. Liq. 3, H226
Skin Irrit. 2, H315
Eye Dam. 1, H318
STOT SE 3, H335
STOT RE 2, H373
Aquatic Chronic 3, H412

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

2.2 Label elements
Hazard pictograms:

Signal word: Danger
Hazard statements:
- H226 - Flammable liquid and vapor.
- H318 - Causes serious eye damage.
- H315 - Causes skin irritation.
- 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.

Precautionary statements:

General:
Not applicable.

Prevention:
P261 - Avoid breathing mist/vapors/spray.
P280 - Wear protective gloves/clothing and eye/face protection.
P284 - In case of inadequate ventilation wear respiratory protection.
P210 - Keep away from sparks and open flames. - No smoking.
P273 - Avoid release to the environment.

Response:
P305 + P351 + P338 + P310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or physician.
P280 - Wear protective gloves/clothing and eye/face protection.
P284 - In case of inadequate ventilation wear respiratory protection.
P210 - Keep away from sparks and open flames. - No smoking.
P273 - Avoid release to the environment.

Storage:
Not applicable.

Disposal:
Not applicable.

Hazardous ingredients:
- Reaction mass of m-xylene, o-xylene, p-xylene and ethylbenzene iso-butanol
- Contains fatty acids, C18-unsatd., dimers, compds. with coco alkylamines. May produce an allergic reaction.

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

SECTION 3: Composition/information on ingredients

3.2 Mixtures:
Mixture

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Identifiers</th>
<th>%</th>
<th>Classification</th>
<th>Notes</th>
</tr>
</thead>
</table>
| Reaction mass of m-xylene, o-xylene, p-xylene and ethylbenzene | REACH #: *)
EC: 215-535-7
CAS: 1330-20-7
Index: 601-022-00-9 | ≥10 - ≤25 | Flam. Liq. 3, H226
Acute Tox. 4, H312
Acute Tox. 4, H332
Skin Irrit. 2, H315
Eye Irrit. 2, H319
STOT SE 3, H335
STOT RE 2, H373
Asp. Tox. 1, H304 | C |
| urea, polymer with formaldehyde, isobutylated | CAS: 68002-18-6 | ≥5 - ≤25 | Aquatic Chronic 4, H413 | - |
| iso-butanol | REACH #: 01-2119484609-23
EC: 201-148-0
CAS: 78-83-1
Index: 603-108-00-1 | ≤10 | Flam. Liq. 3, H226
Skin Irrit. 2, H315
Eye Dam. 1, H318
STOT SE 3, H335
STOT SE 3, H336 | - |
| butylated melamine formaldehyde resin | CAS: 68002-25-5 | ≤10 | Aquatic Chronic 4, H413 | - |
| ethanol | REACH #: 01-2119457610-43
EC: 200-578-6
CAS: 64-17-5
Index: 603-002-00-5 | ≤3 | Flam. Liq. 2, H225 | - |
| 2-methoxy-1-methylethyl acetate | REACH #: 01-2119475791-29
EC: 203-603-9
CAS: 108-65-6
Index: 607-195-00-7 | ≤3 | Flam. Liq. 3, H226 | - |
| fatty acids, C18-unsatd., dimers, compds. with coco alkylamines | REACH #: 01-2120099181-55
CAS: 68647-95-0 | <1 | Skin Irrit. 2, H315
Skin Sens. 1B, H317
STOT RE 2, H373 (immune system) (oral)
Aquatic Acute 1, H400 (M=1) | - |

Version: 3

2/13
4.1 Description of first aid measures

**General**: In all cases of doubt, or when symptoms persist, seek medical attention. Show this safety data sheet or label to the doctor if possible.

**Eye contact**: Check for and remove any contact lenses. Immediately flush eyes with plenty of lukewarm water, keeping eyelids open. Continue to rinse for at least 20 minutes. Get medical attention immediately.

**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. Get medical attention.

**Skin contact**: Remove contaminated clothing and shoes. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners.

**Ingestion**: If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Remove to fresh air and keep at rest in a position comfortable for breathing. Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Causes serious eye damage. May cause damage to organs through prolonged or repeated exposure. Causes skin irritation. May cause respiratory irritation. Inhalation of vapours may cause dizziness, headache and nausea. See Section 11 for more detailed information on health effects and symptoms.

Contains:
- fatty acids, C18-unsatd., dimers, compds. with coco alkylamines
- May produce an allergic reaction.

4.3 Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Firefighting measures

5.1 Extinguishing media

**Suitable extinguishing media**: Use an extinguishing agent suitable for the surrounding fire. Recommended: Alcohol resistant foam, CO₂, powders or water spray/mist.

**Unsuitable extinguishing media**: Do not use a direct water jet that could spread the fire.

5.2 Special hazards arising from the substance or mixture
Hazardous combustion products: When exposed to high temperatures, hazardous decomposition products may be produced, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

5.3 Advice for firefighters
Special protective actions for fire-fighters: Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. This material is hazardous to aquatic organisms. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.

Special protective equipment for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: Provide adequate ventilation. Avoid breathing vapor or mist. Avoid direct skin contact with product. See Section 8 for information on appropriate personal protective equipment.

6.2 Environmental precautions: Hazardous to aquatic environment. Do not allow to enter drains, water courses or soil.

6.3 Methods and materials for containment and cleaning up: Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Preferably clean with a detergent. Avoid using solvents.

6.4 Reference to other sections: See Section 1 for emergency contact information. See Section 13 for additional waste treatment information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling: Vapors are heavier than air and may spread along floors. Vapors may form explosive mixtures with air. Prevent the creation of flammable or explosive concentrations of vapors in air and avoid vapor concentrations higher than the occupational exposure limits. Isolate from sources of heat, sparks and open flame. 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. No sparking tools should be used.

Skin contact with the product and exposure to spray mist and vapor should be avoided. Avoid inhalation of dust from sanding. Wear appropriate respirator when ventilation is inadequate. See Section 8 for information on appropriate personal protective equipment. Eating, drinking and smoking should be prohibited in areas where this material is handled and stored. Wash hands before breaks and immediately after handling the product. Avoid release to the environment.

Risk of self-ignition! Materials such as cleaning rags and paper wipes, sanding dust and overspray containing the product, may spontaneously self-ignite some hours later. To avoid the risks of fires, all contaminated materials should be placed in a metal container filled with water and sealed or dried preferably outdoors or incinerated immediately. Contaminated materials should be removed from the workplace at the end of each working day and be stored outside.
7.2 Conditions for safe storage, including any incompatibilities: Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). No smoking. Store and use away from heat, sparks, open flame or any other ignition source. Keep container tightly closed. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Recommended storage temperature is +5°C ...+25°C. Store in accordance with local regulations.

7.3 Specific end use(s): See Appendices: Uses in Coatings - Industrial use.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Exposure limit values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction mass of m-xylene, o-xylene, p-xylene and ethylbenzene</td>
<td>EU OEL (Europe, 12/2009). Absorbed through skin. Notes: list of indicative occupational exposure limit values. TWA: 50 ppm 8 hours. TWA: 221 mg/m³ 8 hours. STEL: 100 ppm 15 minutes. STEL: 442 mg/m³ 15 minutes.</td>
</tr>
<tr>
<td>2-methoxy-1-methylethyl acetate</td>
<td>EU OEL (Europe, 12/2009). Absorbed through skin. Notes: list of indicative occupational exposure limit values. TWA: 50 ppm 8 hours. TWA: 275 mg/m³ 8 hours. STEL: 100 ppm 15 minutes. STEL: 550 mg/m³ 15 minutes.</td>
</tr>
</tbody>
</table>

Additional information

Ethylbenzene

EU OEL (Europe, 12/2009). Absorbed through skin.
TWA: 100 ppm 8 hours.
TWA: 442 mg/m³ 8 hours.
STEL: 200 ppm 15 minutes.
STEL: 884 mg/m³ 15 minutes.
Please check your local legislation for national OEL value for ethylbenzene.

Recommended monitoring procedures: If this product contains ingredients with exposure limits, personal, workplace 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.

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Type</th>
<th>Exposure</th>
<th>Value</th>
<th>Population</th>
<th>Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction mass of m-xylene, o-xylene, p-xylene and ethylbenzene</td>
<td>DNEL</td>
<td>Short term Inhalation</td>
<td>289 mg/m³</td>
<td>Workers</td>
<td>Local</td>
</tr>
<tr>
<td></td>
<td>DNEL</td>
<td>Long term Inhalation</td>
<td>77 mg/m³</td>
<td>Workers</td>
<td>Systemic</td>
</tr>
<tr>
<td></td>
<td>DNEL</td>
<td>Long term Dermal Short term Inhalation</td>
<td>180 mg/kg</td>
<td>Workers</td>
<td>Systemic</td>
</tr>
<tr>
<td></td>
<td>DNEL</td>
<td>Long term Dermal Short term Inhalation</td>
<td>174 mg/m³</td>
<td>Consumers</td>
<td>Local</td>
</tr>
<tr>
<td></td>
<td>DNEL</td>
<td>Long term Dermal Short term Inhalation</td>
<td>14,8 mg/m³</td>
<td>Consumers</td>
<td>Systemic</td>
</tr>
<tr>
<td></td>
<td>DNEL</td>
<td>Long term Dermal Short term Inhalation</td>
<td>108 mg/kg</td>
<td>Consumers</td>
<td>Systemic</td>
</tr>
<tr>
<td></td>
<td>DNEL</td>
<td>Short term Inhalation</td>
<td>289 mg/m³</td>
<td>Workers</td>
<td>Systemic</td>
</tr>
<tr>
<td></td>
<td>DNEL</td>
<td>Short term Inhalation</td>
<td>174 mg/m³</td>
<td>Consumers</td>
<td>Systemic</td>
</tr>
</tbody>
</table>

PNECs
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. Use explosion-proof ventilation equipment. If these are not sufficient to maintain concentrations of particulates and solvent vapours below the OEL, suitable respiratory protection must be worn (see Personal protection for both components). Provide a readily-accessible eyewash facility. Comply with the health and safety at work laws.

Individual protection measures

Eye/face protection : Wear eye/face protection (EN166).
Hand protection : Wear protective gloves. Gloves should be replaced regularly and if there is any sign of damage to the glove material. The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.
Recommended glove material (EN374):
< 1 hour (breakthrough time): nitrile rubber
> 8 hours (breakthrough time): fluor rubber, laminated foil
Not recommended: PVC or natural rubber (latex) gloves
Skin protection : Wear suitable protective clothing. This product is classified as flammable. If necessary, personnel should wear antistatic clothing made of natural fibers or of high-temperature-resistant synthetic fibers.
Respiratory protection : If ventilation is inadequate, use respirator that will protect against organic vapor and dust/mist. During spray-application use respirators with combination filter A/P3 (EN405:2001). Wear a half mask or full face respirator with gas and vapor filter A and dust filter P2 during sanding (EN140:1998, EN405:2001). During continuous and long-term work the use of motor-driven or air-fed respirators is recommended (EN12941:1998). Be sure to use an approved/certified respirator or equivalent.
Check that mask fits tightly and change filter regularly.
Environmental exposure controls : For information regarding environmental protection measures, please refer to section 13 for waste handling, section 7 for handling and storage and section 1.2 for relevant identified uses of the substance or mixture and uses advised against.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Compartment Detail</th>
<th>Value</th>
<th>Method Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction mass of m-xylene, o-xylene, p-xylene and ethylbenzene</td>
<td>Fresh water</td>
<td>0,327 mg/l</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Marine water</td>
<td>0,327 mg/l</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Sewage Treatment</td>
<td>6,58 mg/l</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Plant</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Sediment</td>
<td>12,46 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>Soil</td>
<td>2,31 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

| Physical state | Liquid. |
| Color | Coloured |
| Odor | Strong |
| Odor threshold | Not relevant for the hazard assessment of the product |
| pH | Not relevant for the hazard assessment of the product |
| Melting point/freezing point | 4,96°C (xylene) |
| Initial boiling point and boiling range | 36,16°C (xylene) |
| Flash point | 25°C (xylene) |
| Evaporation rate | 0,77 (butyl acetate = 1) (xylene) |
| Flammability (solid, gas) | Not applicable. Product is a liquid |
| Upper/lower flammability or explosive limits | Lower: 0,8% (xylene) Upper: 6,7% (xylene) |
| Vapor pressure | 0,89 kPa [room temperature] (xylene) |
| Vapor density | 0,7 (xylene) |
Density: 1.1 to 1.3 g/cm³
Solubility(ies): insoluble in water.
Partition coefficient: n-octanol/water: Not available.
Auto-ignition temperature: ≥32°C (xylene)
Decomposition temperature: Not relevant for the hazard assessment of the product.
Viscosity: Kinematic (40°C): >20.5 mm²/s >60 s [ISO 6mm cup]
 Explosive properties: No explosive ingredients present.
 Oxidizing properties: No oxidizing ingredients present.

9.2 Other information
No additional information.

SECTION 10: Stability and reactivity

10.1 Reactivity: See Section 10.5.

10.2 Chemical stability: Stable under recommended storage and handling conditions (see Section 7).

10.3 Possibility of hazardous reactions: May present an explosion hazard when material is suspended in air in confined areas or equipment and subjected to spark, heat or flame.

10.4 Conditions to avoid: Avoid extreme heat and freezing. Avoid all possible sources of ignition (spark or flame).

10.5 Incompatible materials: Keep away from the following materials to prevent strong exothermic reactions: oxidizing agents strong acids strong alkalis

10.6 Hazardous decomposition products: When exposed to high temperatures, hazardous decomposition products may be produced, such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
There is no testdata available on the product itself. The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Exposure to component solvent vapor 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. 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. Formaldehyde is released during curing. Formaldehyde may cause irreversible effects, is irritating to the mucous membranes and may cause skin sensitization.

Acute toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Dose</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction mass of m-xylene, o-xylene, p-xylene and ethylbenzene</td>
<td>LC50 Inhalation Vapor</td>
<td>Rat</td>
<td>22 mg/l</td>
<td>4 hours</td>
</tr>
<tr>
<td></td>
<td>LD50 Dermal</td>
<td>Rabbit</td>
<td>1700 mg/kg</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>LD50 Oral</td>
<td>Rat</td>
<td>4300 mg/kg</td>
<td>-</td>
</tr>
</tbody>
</table>

Not classified.
Irritation/Corrosion
Causes skin irritation. Causes serious eye damage.

Sensitization
Contains small amounts of sensitizing substances:
- fatty acids, C18-unsatd., dimers, compds. with coco alkylamines
- Mutagenicity
Not classified.
- Carcinogenicity
Not classified.
- Reproductive toxicity
Not classified.
- Teratogenicity
Not classified.

Specific target organ toxicity (single exposure)
May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)
May cause damage to organs through prolonged or repeated exposure.

Aspiration hazard
Not classified.

SECTION 12: Ecological information
Ecological testing has not been conducted on this product.
Do not allow to enter drains, water courses or soil.

The product is classified as environmetally hazardous according to Regulation (EC) 1272/2008.
Harmful to aquatic life with long lasting effects.

12.1 Toxicity

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>Result</th>
<th>Species</th>
<th>Exposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>fatty acids, C18-unsatd., dimers, compds. with coco alkylamines</td>
<td>Acute EC50 0,39 mg/l</td>
<td>Algae</td>
<td>72 hours</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability

No specific data.

12.3 Bioaccumulative potential

<table>
<thead>
<tr>
<th>Product/ingredient name</th>
<th>LogP&lt;sub&gt;ow&lt;/sub&gt;</th>
<th>Bioconcentration factor [BCF]</th>
<th>Potential</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-methoxy-1-methylethyl acetate</td>
<td>1,2</td>
<td>-</td>
<td>low</td>
</tr>
<tr>
<td>ethanol</td>
<td>-0,35</td>
<td>-</td>
<td>low</td>
</tr>
<tr>
<td>iso-butanol</td>
<td>1</td>
<td>-</td>
<td>low</td>
</tr>
<tr>
<td>Reaction mass of m-xylene, o-xylene, p-xylene and ethylbenzene</td>
<td>3,12</td>
<td>8.1 to 25.9</td>
<td>low</td>
</tr>
</tbody>
</table>

12.4 Mobility in soil

Soil/water partition coefficient (K<sub>oc</sub>)
Not available.

Mobility
Not available.
12.5 Results of PBT and vPvB assessment

PBT : Not applicable.

vPvB : Not applicable.

12.6 Other adverse effects : Not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Methods of disposal : Gather residues into waste containers. Liquid residue and cleaning liquids are hazardous waste and must not be emptied into drains or sewage system, but handled in accordance with national regulations. Product residues should be left at special companies which have permission for gathering this kind of wastes.

European waste catalogue (EWC)

<table>
<thead>
<tr>
<th>Waste code</th>
<th>Waste designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>08 01 11*</td>
<td>waste paint and varnish containing organic solvents or other hazardous substances</td>
</tr>
</tbody>
</table>

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.

PACKAGING

Methods of disposal : Empty packaging should be recycled or disposed of in accordance with national regulations.

Special precautions : None.

SECTION 14: Transport information

<table>
<thead>
<tr>
<th></th>
<th>ADR/RID</th>
<th>IMDG</th>
<th>IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN number</td>
<td>UN1263</td>
<td>UN1263</td>
<td>UN1263</td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>PAINT</td>
<td>PAINT</td>
<td>PAINT</td>
</tr>
<tr>
<td>14.3 Transport hazard class(es)</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>14.4 Packing group</td>
<td>III</td>
<td>III</td>
<td>III</td>
</tr>
<tr>
<td>14.5 Environmental hazards</td>
<td>No.</td>
<td>No.</td>
<td>No.</td>
</tr>
</tbody>
</table>

Additional information

Special provisions 640 (E)

Viscous substance exemption

This class 3 material is not subject to regulation in packagings up to 450 L. Exempted according to 2.2.3.1.5 (Viscous substance exemption)

Tunnel code (D/E)

Emergency schedules (EmS)

F-E,S-E

Viscous substance exemption

This class 3 material is not subject to regulation in packagings up to 30 L. Exempted according to 2.3.2.5 (Viscous substance exemption)
14.6 Special precautions for user : Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code : Not available.

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)

Other EU regulations

Europe inventory : Not determined.
VO Directive : This product is in scope of Directive 2004/42/CE.

15.2 Chemical Safety Assessment

This product contains substances for which Chemical Safety Assessments are still required.

SECTION 16: Other information

Indicates information that has changed from previously issued version.

Abbreviations and acronyms :

ATE = Acute Toxicity Estimate
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EUH statement = CLP-specific Hazard statement
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RRN = REACH Registration Number
vPvB = Very Persistent and Very Bioaccumulative

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

<table>
<thead>
<tr>
<th>Classification</th>
<th>Justification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 3, H226</td>
<td>On basis of test data</td>
</tr>
<tr>
<td>Skin Irrit. 2, H315</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Eye Dam. 1, H318</td>
<td>Calculation method</td>
</tr>
<tr>
<td>STOT SE 3, H335</td>
<td>Calculation method</td>
</tr>
<tr>
<td>STOT RE 2, H373</td>
<td>Calculation method</td>
</tr>
<tr>
<td>Aquatic Chronic 3, H412</td>
<td>Calculation method</td>
</tr>
</tbody>
</table>

Full text of abbreviated H statements :

H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.
Full text of classifications [CLP/GHS]
- Acute Tox. 4, H312: ACUTE TOXICITY (dermal) - Category 4
- Acute Tox. 4, H332: ACUTE TOXICITY (inhalation) - Category 4
- Aquatic Acute 1, H400: AQUATIC HAZARD (ACUTE) - Category 1
- Aquatic Chronic 1, H410: AQUATIC HAZARD (LONG-TERM) - Category 1
- Aquatic Chronic 3, H412: AQUATIC HAZARD (LONG-TERM) - Category 3
- Aquatic Chronic 4, H413: AQUATIC HAZARD (LONG-TERM) - Category 4
- Asp. Tox. 1, H304: ASPIRATION HAZARD - Category 1
- Eye Dam. 1, H318: SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 1
- Eye Irrit. 2, H319: SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
- Flam. Liq. 2, H225: FLAMMABLE LIQUIDS - Category 2
- Flam. Liq. 3, H226: FLAMMABLE LIQUIDS - Category 3
- Skin Irrit. 2, H315: SKIN CORROSION/IRRITATION - Category 2
- Skin Sens. 1B, H317: SKIN SENSITIZATION - Category 1B
- STOT RE 2, H373: SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2
- STOT SE 3, H335: SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3
- STOT SE 3, H336: SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3

Notice to reader
This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006 (REACH). The information contained in this Safety Data Sheet is based on the present state of knowledge and current EU and national 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.
Annex to the extended Safety Data Sheet (eSDS)

Identification of the substance or mixture

Product definition: Mixture
Code: 754-s
Product name: DICCOPLAST 30

Section 1 - Title

Short title of the exposure scenario: Exposure Scenario: Uses in Coatings - Industrial use.
List of use descriptors:
- Identified use name: Uses in Coatings - Industrial use.
- Process Category: PROC05, PROC07, PROC08a, PROC08b, PROC09, PROC10
- Substance supplied to that use in form of: In a mixture
- Sector of end use: SU03
- Subsequent service life relevant for that use: No.
- Environmental Release Category: ERC04, ERC05
- Article category related to subsequent service life: Not applicable.

Processes and activities covered by the exposure scenario: Covers the use in coatings (paints, inks, adhesives, etc) including exposures during use (including materials receipt, storage, preparation and transfer from bulk and semi-bulk, application by spray, roller, brush, spreader by hand or similar methods, and film formation), and equipment cleaning, maintenance and associated laboratory activities.

Section 2 - Exposure controls

Contributing scenario controlling environmental exposure for 1:
- Product characteristics: Liquid.
- Technical on-site conditions and measures to reduce or limit discharges, air emissions and releases to soil: Prevent discharge of undissolved substance to or recover from onsite wastewater. Do not apply industrial sludge to natural soils.
- Organizational measures to prevent/limit release from site: Prevent environmental discharge consistent with regulatory requirements.
- Conditions and measures related to external recovery of waste: External recovery and recycling of waste should comply with applicable local and/or national regulations. See section 13 for waste disposal information.
- Suitable recovery operations: External recovery and recycling of waste should comply with applicable local and/or national regulations.
**DICCOPLAST 30**

Exposure Scenario: Uses in Coatings - Industrial use.

<table>
<thead>
<tr>
<th>Contributing scenario controlling worker exposure for 2:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Physical state</strong></td>
<td>Liquid</td>
</tr>
<tr>
<td><strong>Other conditions affecting workers exposure</strong></td>
<td>Assumes use at not more than 20°C above ambient temperature, unless stated differently. Assumes a good basic standard of occupational hygiene is implemented</td>
</tr>
<tr>
<td><strong>Ventilation control measures</strong></td>
<td>Material transfers Dedicated facility Non-dedicated facility Ensure material transfers are under containment or extract ventilation. Preparation of material for application Provide adequate ventilation.</td>
</tr>
</tbody>
</table>

**Conditions and measures related to personal protection, hygiene and health evaluation**

<table>
<thead>
<tr>
<th>Advice on general occupational hygiene</th>
<th>Assumes a good basic standard of occupational hygiene is implemented</th>
</tr>
</thead>
<tbody>
<tr>
<td>Personal protection</td>
<td>Use suitable eye protection and gloves. Wear suitable protective clothing. Clean spills immediately. See Section 8 of the safety data sheet (personal protective equipment).</td>
</tr>
<tr>
<td>Respiratory protection</td>
<td>See Section 8 of the safety data sheet (personal protective equipment).</td>
</tr>
</tbody>
</table>