




Material Safety Data Sheet according to Regulation (EC) No 1907/2006

Trade name: FLUTSCHI FL 22	Flux paste F-SW 33 Typ 1.2.3.C DIN EN 29454 RE L0
<p>1.) IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING</p> <p>1.1.) Product identifier</p> <p>1.2.) Relevant identified uses of the substance or mixture and uses advised against</p> <p>Use of the substance/mixture:</p> <p>Uses advised against:</p> <p>1.3.) Details of the supplier of the safety data sheet</p> <p>Manufacturer/Supplier: address:</p> <p>1.4.) Emergency telephone number</p>	<p>Flux paste "FL-22"</p> <p>Industrial use of processing aids. Fluxes Paste</p> <p>No identified use(s). Do not use for private purposes (household).</p> <p>EDSYN GMBH EUROPA Finkenweg 2 D 97892 Kreuzwertheim</p> <p>Tel. 09342 – 6413 Fax: 09342 – 6417</p> <p>Closed hospital</p>
<p>2.) HAZARDS IDENTIFICATION</p> <p>2.1.) Classification of the substance or mixture</p> <p>Classification according to Directive 67/548/EEC or 1999/45/EC</p> <p>Classification according to Regulation (EC) No. 1272/2008 [CLP]</p> <p>2.2.) Label elements</p> <p>Pictograms:</p> <p>Signal word:</p> <p>Hazard statements:</p> <p>Precautionary statements:</p>	<p>Indications of danger: Xi – Irritant R phrases: Irritating to eyes.</p> <p>Hazard Statements: Causes skin irritation.</p> <div style="text-align: center;">  GHS07 </div> <p>Warning</p> <p>H315 Causes skin irritation.</p> <p>P202 Do not handle until all safety precautions have been read and understood.</p> <p>P270 Do not eat, drink or smoke when using this product.</p>



<p>Special labelling of certain mixtures:</p> <p>Other hazards:</p>	<p>P262 Do not get in eyes, on skin, or on clothing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P411+P235 Store at temperatures not exceeding 25°C/77°F. Keep cool. EUH210 Safety data sheet available on request.</p> <p>See attached safety data sheets and/or usage instructions. No risks worthy of mention.</p>														
<p>3.) <u>COMPOSITION/INFORMATION IN INGREDIENTS</u></p> <p>3.1.) Mixtures Chemical characterization:</p> <p>3.2.) Hazardous components Chemical name:</p> <p>Further Information:</p>	<p>Mixture related information Paste Data apply to the main component. resin. / Activator)</p> <p><u>Dicarboxylic acid mixture (C6)</u></p> <table border="1" data-bbox="730 1059 1520 1357"> <tr> <td>EC No.</td> <td></td> </tr> <tr> <td>CAS-No.</td> <td>124-04-09</td> </tr> <tr> <td>Index-No.</td> <td></td> </tr> <tr> <td>REACH-No.</td> <td></td> </tr> <tr> <td>Quantity</td> <td>5-10%</td> </tr> <tr> <td>Classification according to Directive 67/548/EEC</td> <td>Xi – Irritant R36</td> </tr> <tr> <td>Classification according to Regulation (EC) No. 1272/2008 [CLP]:</td> <td>Eye Irrit.2; H319</td> </tr> </table> <p>Full text of R-, H- and EUH-phrases: see section 16.</p> <p>Contains: resin. >> No risks worthy of mention Contains: Fat., Fatty acid. resin. >> No risks worthy of mention. Dye carrier, Paint: yellow, yellow-orange >> No risks worthy of mention</p>	EC No.		CAS-No.	124-04-09	Index-No.		REACH-No.		Quantity	5-10%	Classification according to Directive 67/548/EEC	Xi – Irritant R36	Classification according to Regulation (EC) No. 1272/2008 [CLP]:	Eye Irrit.2; H319
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<p>4.) <u>FIRST AID MEASURES</u></p> <p>4.1.) Description of first aid measures</p> <p>After inhalation:</p> <p>After contact with skin:</p> <p>After contact with eyes:</p> <p>After ingestion:</p> <p>4.2.) Most important symptoms and effects, both acute and delayed</p>	<p>Provide fresh air.</p> <p>Wash with plenty of water. Change contaminated clothing</p> <p>If product gets into the eye, keep eyelid open and rinse immediately with large quantities of water, for at least 5 minutes. Subsequently consult an ophthalmologist.</p> <p>Rinse mouth immediately and drink plenty of water.</p> <p>Rinse mouth immediately and drink plenty of water.</p>														



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<p>4.3.) Indication of any immediate medical attention and special treatment needed</p>	<p>No known symptoms to date.</p>
<p>5.) <u>FIREFIGHTING MEASURES</u></p> <p>5.1.) Extinguishing media</p> <p>Suitable extinguishing media:</p> <p>Unsuitable extinguishing media:</p> <p>5.2.) Special hazards arising from the substance or mixture</p> <p>5.3.) Advice for firefighters</p> <p>5.4.) Additional information</p>	<p>Co-ordinate fire-fighting measures to the fire surroundings.</p> <p>D powder.</p> <p>The product itself does not burn.</p> <p>In case of fire: Wear self-contained breathing apparatus.</p> <p>Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.</p>
<p>6.) <u>ACCIDENTAL RELEASE MEASURES</u></p> <p>6.1.) Personal precautions, protective equipment and emergency procedures</p> <p>6.2.) Environmental precautions</p> <p>6.3.) Methods and material for containment and cleaning up</p> <p>6.4.) Reference to other sections</p>	<p>Provide adequate ventilation. Avoid generation of dust. Do not breathe dust. Avoid contact with skin, eyes and clothes. Wear personal protection equipment.</p> <p>Do not allow to enter into surface water or drains.</p> <p>Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.</p> <p>Treat the recovered material as prescribed in the section on waste disposal. See protective measures under point 7 and 8.</p>
<p>7.) <u>HANDLING AND STORAGE</u></p> <p>7.1.) Precautions for safe handling</p> <p>Advice on safe handling:</p> <p>Advice on protection against fire and explosion:</p> <p>Further information on handling:</p> <p>7.2.) Conditions for safe storage, including any incompatibilities</p> <p>Requirements for storage rooms and vessels:</p> <p>Advice on storage compatibility:</p>	<p>Conditions to avoid: Inhalation of vapours or spray/mists.</p> <p>Not highly flammable.</p> <p>Avoid contact with skin and eyes.</p> <p>Keep container tightly closed.</p> <p>To follow: Storage class:</p>



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<p>Further information on storage conditions:</p> <p>7.3.) Specific end use(s)</p>	<p>Protect against direct sunlight.</p> <p>Surface active agent Further information: refer to Technical Data Sheet.</p>
<p>8.) <u>EXPOSURE CONTROLS/PERSONAL PROTECTION</u></p> <p>8.1.) Control parameters</p> <p>Additional advice on limit values:</p> <p>8.2.) Exposure controls</p> <p>Appropriate engineering controls:</p> <p>Protective and hygiene measures:</p> <p>Respiratory protection:</p> <p>Hand protection:</p> <p>Eye/face protection:</p> <p>Skin protection:</p> <p>Environmental exposure controls:</p>	<p>Does not contain substances above concentration limits fixing an occupational exposure limit.</p> <p>Do not breathe gas/fumes/vapour/spray.</p> <p>Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.</p> <p>(In case of inadequate ventilation) wear respiratory protection. Use appropriate respiratory protection. Use only respiratory protection equipment with CE-symbol including four digit test number. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product. If the concentration is exceeded, closed-circuit breathing apparatus must be used! Filtering device (full mask or mouthpiece) with filter:: A</p> <p><u>Additional protection measures for the hands:</u></p> <p>Hand protection: DIN EN 374 -CR (polychloroprenes, Chloroprene rubber). Thickness of glove material: 0,65 mm penetration time (maximum wearing period): > 120 Min. -NBR (Nitrile rubber): Thickness of glove material: 0,4 mm penetration time (maximum wearing period): > 480 Min.</p> <p>Breakthrough times and swelling properties of the material must be taken into consideration. Take recovery periods for skin regeneration. In the case of wanting to use the gloves again, clean them before taking off and air them well. Use gloves only once. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. Before using check leak tightness / impermeability.</p> <p>For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).</p> <p>For the protection against direct skin contact, body protective clothing is essential (in addition to the usual working clothes).</p> <p>No special measures are necessary.</p>



<p>9.) <u>PHYSICAL AND CHEMICAL PROPERTIES</u></p> <p>9.1.) Information on basic physical and chemical properties</p> <p>Physical state: Colour: Odour:</p> <p>pH-Value:</p> <p><u>Changes in the physical state</u></p> <p>Melting point: Initial boiling point and boiling range: Sublimation point: Density (at 20°C):</p> <p><u>Solubility in other solvents:</u></p> <p>Solvent content:</p> <p>9.2.) Other information</p> <p>Solid content:</p>	<p>Paste beige - yellow characteristic</p> <p style="text-align: center;">Test method</p> <p>Not applicable etc.:</p> <p>> 60°C > 300°C not applicable etc.: ca. 1 g/cm³ Isopropyl alcohol., Ethanol ca. 8%</p> <p>92%</p>
<p>10.) <u>STABILITY AND REACTIVITY</u></p> <p>10.1.) Reactivity</p> <p>10.2.) Chemical stability</p> <p>10.3.) Possibility of hazardous reactions</p> <p>10.4.) Conditions to avoid</p> <p>10.5.) Incompatible materials</p> <p>10.6.) Hazardous decomposition products</p> <p>Further information:</p>	<p>No risks worthy of mention.</p> <p>Stability and reactivity: Yes.</p> <p>No risks worthy of mention.</p> <p>Keep away from heat.</p> <p>No data available.</p> <p>Thermal decomposition can lead to the escape of irritating gases and vapours.</p> <p>Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.</p>
<p>11.) <u>TOXICOLOGICAL INFORMATION</u></p> <p>11.1.) Information on toxicological effects</p> <p>Toxicokinetics, metabolism and distribution:</p>	<p>No data available.</p>



<p>Irritation and corrosivity:</p> <p>Additional information on tests</p>	<p>Acute toxicity Dicarboxylic acid mixture (C6)</p> <table border="1" data-bbox="730 510 1528 607"> <thead> <tr> <th>CAS-No.</th> <th>Exposure routes</th> <th>Method / Dose</th> <th>Species</th> <th>Source</th> </tr> </thead> <tbody> <tr> <td>124-04-9</td> <td>oral</td> <td>LD50 / 5700mg/kg</td> <td>Rat</td> <td></td> </tr> </tbody> </table> <p>Irritating to eyes.</p> <p>The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).</p>	CAS-No.	Exposure routes	Method / Dose	Species	Source	124-04-9	oral	LD50 / 5700mg/kg	Rat	
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<p>12.) ECOLOGICAL INFORMATION</p> <p>12.1.) Toxicity</p> <p>12.2.) Persistence and degradability</p> <p>12.3.) Bioaccumulative potential</p> <p>12.4.) Mobility in soil</p> <p>12.5.) Results of PBT and vPvB assessment</p> <p>12.6.) Other adverse effects</p> <p>Further information:</p>	<p>No data available.</p> <p>Avoid contact with skin and eyes.</p> <p>On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.</p> <p>No data available.</p> <p>This substance does not meet the criteria for classification as PBT or vPvB.</p> <p>No data available. Do not mix with other wastes.</p> <p>The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).</p> <p>The ecotoxicological properties of this mixture are determined by the ecotoxicological properties of the single components (see section 3).</p>										
<p>13.) DISPOSAL CONSIDERATIONS</p> <p>13.1.) Waste treatment methods</p> <p>Advice on disposal:</p> <p>Waste disposal number of waste from residues/unused products:</p> <p>Waste disposal number of used product:</p>	<p>Dispose of waste according to applicable legislation.</p> <p>200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing dangerous substances Classified as hazardous waste.</p> <p>200127 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paint, inks, adhesives and resins containing dangerous substances Classified as hazardous waste.</p>										



<p>Waste disposal number of contaminated packaging:</p> <p>Contaminated packaging:</p>	<p>200101 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); paper and cardboard.</p> <p>Water (with cleaning agent). Completely emptied packages can be recycled.</p>
<p>14.) <u>TRANSPORT INFORMATION</u></p> <p>14.1.) <u>Land transport (ADR/RID)</u> UN proper shipping name: Other applicable information (land transport):</p> <p>14.2.) <u>Inland waterways transport (ADN)</u> UN proper shipping name: Other applicable information (inland waterways transport):</p> <p>14.3.) <u>Marine transport (IMDG)</u> UN proper shipping name: Other applicable information (marine transport):</p> <p>14.4.) <u>Air transport (ICAO)</u> UN proper shipping name: Other applicable information (air transport):</p> <p>14.5.) <u>Environmental hazards</u> ENVIRONMENTALLY HAZARDOUS:</p> <p>14.6.) <u>Special precautions for user</u></p> <p>14.7.) <u>Transport in bulk according to Annex II of MARPOL 73/78 and the IBC-Code</u></p> <p>14.8.) <u>Other applicable information</u></p>	<p>No dangerous good in sense of these transport regulations.</p> <p>No dangerous good in sense of these transport regulations.</p> <p>No dangerous good in sense of these transport regulations.</p> <p>No dangerous good in sense of these transport regulations.</p> <p>No dangerous good in sense of these transport regulations.</p> <p>No dangerous good in sense of these transport regulations.</p> <p>No dangerous good in sense of these transport regulations.</p> <p>no</p> <p>Do not allow uncontrolled discharge of product into the environment.</p> <p>Not applicable etc.:</p> <p>Discharge into the environment must be avoided.</p>
<p>15.) <u>REGULATORY INFORMATION</u></p> <p>15.1.) <u>Safety, health and environmental regulations/legislation specific for the substance or mixture</u></p> <p><u>EU regulatory information</u></p> <p>2004/42/EC (VOC):</p> <p>Additional information:</p>	<p>0%</p> <p>The receiver of our product is singularly responsible for adhering to existing laws and regulations.</p>



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<p><u>National regulatory information</u></p> <p>Employment restrictions:</p> <p>Water contaminating class (D):</p> <p>Additional information:</p> <p>15.2.) Chemical safety assessment</p>	<p>Observe employment restrictions for young people. Observe employment restrictions for child bearing mothers and nursing. Observe employment restrictions for women of child-bearing age.</p> <p>1 – slightly water contaminating</p> <p>The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.</p> <p>Chemical safety assessments for substances in this mixture were not carried out.</p>
<p>16.) <u>OTHER INFORMATION</u></p> <p>Relevant R-phrases (Number and full text):</p> <p>Relevant H- and EUH-phrases (Number and full text):</p> <p>16.1.) Revisions date</p> <p>Revisions-No.:</p> <p>Further information:</p>	<p>36 Irritating to eyes.</p> <p>H315 Causes skin irritation. H319 Causes serious eye irritation. EUH210 Safety data sheet available on request.</p> <p>18.03.2015 / 08.08.2016 / 13.09.2016</p> <p>4.02</p> <p>(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet).</p>

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.