



16.10.2013

Material Safety Data Sheet - according to directive 91/155/EWG

INTERNATIONAL STANDART NORM ISO 11014-1

Trade Name: SW 021	Desoldering wick DIN EN 29 453 NF EN 29 454.1												
1.) <u>Manufacturer:</u> Address:	EDSYN GMBH EUROPA Finkenweg 2 Tel.: 09342 - 6413 D 97892 Kreuzwertheim Fax: 09342 - 6417												
2.) <u>COMPOSITION AND INFORMATION ON INGREDIENTS</u> 2.1 Description: 2.2 Ingredients:	Tin Copper desoldering wick <table border="0"> <thead> <tr> <th style="text-align: left;">Ingredients:</th> <th style="text-align: left;">CAS Number*:</th> <th style="text-align: left;">% Mass:</th> </tr> </thead> <tbody> <tr> <td>Copper</td> <td>7440-50-8</td> <td>94,996 - 97,997%</td> </tr> <tr> <td>Tin</td> <td>7440-31-5</td> <td>0,003 - 0,004</td> </tr> <tr> <td>Modified Rosin</td> <td>8050-09-7</td> <td>2,0 - 5,0%</td> </tr> </tbody> </table> <p>*The CAS number is variable and depends on the exact identity of the modified rosins used. In the absence of evidence to the contrary, modified rosins are classified as sensitizers.</p>	Ingredients:	CAS Number*:	% Mass:	Copper	7440-50-8	94,996 - 97,997%	Tin	7440-31-5	0,003 - 0,004	Modified Rosin	8050-09-7	2,0 - 5,0%
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3.) <u>HAZARD IDENTIFICATION</u> 3.1 Risk Phrases: 3.2 Safety Phrases:	R 42 May cause sensitization by inhalation (of fumes produced when used) R 43 May cause sensitization by skin contact S 23 Do not breathe fumes (created when product is heated to working temperature – see section 9) S 24/25 Avoid contact with skin and eyes.												
4.) <u>FIRST AID MEASURES</u> 4.1 Eyes: 4.2 Skin: 4.3 Inhalation of flux fumes: 4.4 Oral Ingestion:	Flush with clean lukewarm water. Wash with soap and lukewarm water. Move subject away from source and seek medical aid. Do not induce vomiting. Drink clean water and seek medical aid.												
5.) <u>FIRE FIGHTING MEASURES</u> <u>(Methods to extinguish)</u> 5.1 Recommended: 5.2 Exceptions: 5.3 Others given:	N/A N/A N/A												
6.) <u>ACCIDENTAL RELEASE MEASURES</u> <u>(Leakage or spillage)</u> 6.1 Personal precautions: 6.2 Environmental precautions:	N/A See notes under heading 13 – <i>Disposal considerations.</i>												



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<p>7.) <u>HANDLING PACKAGING AND STORAGE</u></p> <p>7.1 Handling precautions: 7.2 Packaging: 7.3 Storage conditions:</p>	<p>Wash hands after handling. Wound onto plastic bobbins of various capacities. Keep in stores in original boxes at 20 °C.</p>
<p>8.) <u>EXPOSURE CONTROLS AND PERSONAL PROTECTION</u> (Individual safety)</p> <p>8.1 Eyes: 8.2 Skin: 8.3 Respiratory: 8.4 Others given:</p>	<p>Safety glasses should be worn if there is a risk of eye contact. Usually not required for normal conditions of use. When used, fume extraction equipment must be in operation locally... Wash hands before consuming food.</p>
<p>9.) <u>PHYSICAL AND CHEMICAL PROPERTIES</u></p> <p>9.1 Physical State (Appearance) 9.2 Working temperature: 9.3 Density: 9.4 Solubility in water: 9.5 Flash point (Closed up): 9.6 Automatic combustion temperature:</p>	<p>Rosin-coated braided tinned copper wire. 300 – 400 °C (typical) 2.60 g/cm³ at 20 °C Insoluble Exceeds 260 °C Not available</p>
<p>10.) <u>STABILITY AND REACTIVITY</u></p> <p>10.1 Condition to avoid: 10.2 Materials to avoid: 10.3 Hazardous decomposition:</p>	<p>N/A N/A N/A</p>
<p>11.) <u>TOXICOLOGICAL INFORMATION</u> (Health, hazard and symptoms)</p> <p>11.1 Exposure: 11.2 Long term skin contact:</p>	<p>Could cause eye and lung irritation (from flux and fumes when used). Could cause sensitization.</p>
<p>12.) <u>ECOLOGICAL INFORMATION</u> (Protection of environment)</p> <p>12.1 Biodegradability:</p>	<p>The flux is biodegradable</p>
<p>13.) <u>DISPOSAL CONSIDERATIONS</u></p> <p>13.1 Waste Disposal: 13.2</p>	<p>Any waste materials should be stored in sealed containers and be disposed of according to the relevant Acts of Parliament and Local Authority Bylaws, advice can be obtained from your local waste disposal officer. Any scrap solder alloy or dross can be collected by a local metals re-processor.</p>
<p>14.) <u>TRANSPORT INFORMATION</u></p>	



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<p>(Special precautions)</p> <p>14.1 UN-Classification: 14.2 RID / ADR – Class: 14.3 IMDG: 14.4 IATA:</p>	<p>N/A N/A N/A N/A</p>
<p>15.) <u>REGULATORY INFORMATION</u></p> <p>15.1 Where appropriate, refer to the information under the headings:</p>	<p><i>8 – Exposure controls and personal protection</i> <i>13 – Disposal considerations</i></p>
<p>16.) <u>OTHER INFORMATION</u></p> <p>16.1 General:</p> <p>16.2</p>	<p>This product should only be used by authorized persons who have been properly trained in the handling and use in accordance with good industrial hygiene and safety practices.</p> <p>The relevant data sheet is applicable here. The information contained here in is based on data considered accurate and is offered at no charge. Our aim, by providing the above information which reflects the current status of our knowledge and experience is to describe our product in terms of safety requirements. Liability is expressly disclaimed for loss or injury arising out of use of this information or the use of any materials designated. Supplementary copies of this data sheet are available on request.</p>