## EU-Material-safety-data-sheet according to 91/155/EWG

## Trade-name: Solder-wire KS115 ECOLOY ® TC

Date of issue: 12.01.2004

Revised: 12/04/2007

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1. Chemical Identification	<u>on</u>					
Trade-name:	Solder wire KS115 ECOLOY ® TC (S-Sn99Cu1)					
Manufacturer:	Stannol Gml Oskarstr.3-7 42283 Wup	,				
Phone:	Phone.: 020 0202 / 5851	•	585119			
2. Composition/Informa		<b>gredients</b> alloy with flux max. 3,5 % ros	in holido pativoted			
Chemical characteristic:	Tin- Copper	in, halide-activated				
•	Symbols	Risk-Phrases	Chemical name			
remainder 7440-31-5 <0,9% 7440-50-8 <3,5%			Tin Copper Modified rosin			
3. Hazards Identification Not a composition for the p 4. First Aid Measures:		Dangerous Substances Regu	lations, but nevertheless observe items 4-16			
H. I II St Ald Medsures.						
General :		unconscious but breathing, p al resuscitation or give oxyger	lace in the recovery position. If breathing has stopped by mask			
Inhalation Skin Contact : Eye Contact:	lf any skin ir	ritation develops seek medica diately with plenty of water. Ir	sists, obtain medical attention. I attention n cases where spitting flux has entered the eye seek			
Ingestion: Hints for doctors	seek medica Inhalation of	al attention. f the flux fumes given off at so system. Repeated or prolonge	oldering temperatures will irritate the nose, throat and ed exposure to flux fumes may cause shortness of			
Treatment: General :	Decontamina If casualty is	ation, symptomatic treatment.	lace in the recovery position. If breathing has stopped			
Inhalation Skin Contact :	Remove pat	Remove patient to fresh air. If irritation resists, obtain medical attention. If any skin irritation develops seek medical attention				
5. Fire Fighting Measure						
Extinguishing Media: Special Fire-fighting Procedures		0 11	o surrounding fire con us and protective clothing to prevent contact with skin			
6. Accidental Release N	leasures:					
Pick up and place in appropriate of	container					
7. Handling and Storage	<b>:</b> :					
The fumes produced during solder	ing should be e		hing zone of the operators. Ensure the area is well efore eating, drinking or smoking. The product should			

Eye Protection:       Operators should         9. Physical and Chemical Product       Appearance and Odour:       Tin-         Appearance and Odour:       Tin-         Melting Point:       227 °         Vapour Pressure:       n.a.         Density(20°C):       7-8 g         10. Stability and Reactivity:       Dangerous reactions:         Hazardous combustion or decompositie       11. Toxicological Information         Acute Effects:       None toxic metal.         12. Ecological Information:       No effect to environment known         13. Disposal Considerations       Contact a licensed professional waste dist Observe all federal, state and local environment known	CAS-No 7440-31-5 7440-50-8 are over the exposure lin nt gloves if required. d wear goggles CopperSolder C /cm <sup>3</sup> Possibl	ns are suitable meti ml/m³ (ppm)	<b>mg/m³</b> 2 1 air respirator.	Art MAK (NL) MAK (DFG)
Local exhaust or dilution ventilation and or <b>TLV of TRGS 900 see Capitel 2</b> <b>Substance</b> Tin Copper Respiratory Protection: If concentrations Hand Protection: Use heat resista Eye Protection: Operators should <b>9. Physical and Chemical Protection:</b> Appearance and Odour: Tin- Melting Point: 227 ° Vapour Pressure: n.a. Density(20°C): 7-8 g <b>10. Stability and Reactivity:</b> Dangerous reactions: Hazardous combustion or decompositi <b>11. Toxicological Information:</b> Acute Effects: None toxic metal. <b>12. Ecological Information:</b> No effect to environment known <b>13. Disposal Considerations</b> Contact a licensed professional waste dis Observe all federal, state and local enviro	CAS-No 7440-31-5 7440-50-8 are over the exposure lin nt gloves if required. d wear goggles CopperSolder C /cm <sup>3</sup> Possibl	<b>ml/m³ (ppm)</b> mit, use a supplied	<b>mg/m³</b> 2 1 air respirator.	MAK (NL)
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Observe all federal, state and local enviro	<u>:</u>			
	nmental regulations. Colle	ect metal for recycli	ng	
14. Transport Information:				
GGVS/ADR/RID: The	product is not classified a	is hazardous for trai	nsport	
15. Regulatory Information:				
Not subject to current legislation				
16. Other Information:				
Cause of modification:				
General revision				
Other information The above information is believed to be co	prrect but does not purpor	rt to be all inclusive	and shall be used or	nly as a guide
Safety data-sheet is written by:	······································			, , ,
Save of quality/laboratory				
<b>Contact - person:</b> Dr. W. Kruppa				

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