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E-mail: werner.kruppa@stannol.de P. Dossible hazards: Not a composition for the purposes of the Dangerous Substances Regulations, but nevertheless observe items 4-16 P. Composition/Information on the components Chemical characterization: Tin-Copper alloy: Composition according to EC 1907/2006: Contents CAS No. EINECS No. Symbols R-phrases: Substance remainder 740-315 Composition according to EC 1907/2006: Contents CAS No. EINECS No. Symbols R-phrases: Substance remainder 740-315 General information: If casualty is unconscious but breathing, place in the recovery position. If breathing has stopped apply artificial resuscitation or give oxympt by mask. After inhalation: Remove patient to fresh air. If infation resists, obtain medical attention. After skin contact: After rinshalation: Rinse mouth immediately and dink plenty of water. Seek medical attention. After skin contact: After ingestion: Rinse mouth immediately and dink plenty of water. Seek medical attention. After skin contact: After fingestion: Rinse mouth immediately and dink plenty of water. Seek medical attention. After fingestion: After fingestion: Rinse mouth immediately and dink plenty of water. Seek medical attention. After fingestion: After skin cordectives equipment for Special protectives equipment for Were self-contained to resting apprartus and protective clothing to prevent contact with skin and eyes. Sutable extinguishing media: Special prot				
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Danger to health at the working place limit valuesPeak limit category:Working place limit valuesProduct nameCategoryTin74Copper74Skin resorption / Sensitization: SGeneral protection and hygienerAvoid direct contact with eyes, the sPersonal protectionRespiratory protection:Hand protection:Eye protection:	according to TRGS 900 AS No. ml/m³ (ppm) 140-31-5 140-50-8 kin resorption neasures skin and clothing. If concentrations are over the e Use heat resistant gloves if req	from Section 2 for Germany: mg/m ³ Type 2 MAK (NL) 1 MAK (DFG) Sensitization:	
Peak limit category:Working place limit valuesProduct nameC.Tin74Copper74Skin resorption / Sensitization: SGeneral protection and hygiene rAvoid direct contact with eyes, the sPersonal protectionRespiratory protection:Hand protection:Eye protection:	according to TRGS 900 AS No. ml/m³ (ppm) 140-31-5 140-50-8 kin resorption neasures skin and clothing. If concentrations are over the e Use heat resistant gloves if req	mg/m ³ Type 2 MAK (NL) 1 MAK (DFG) Sensitization:	
Product nameC.Tin74Copper74Skin resorption / Sensitization: SGeneral protection and hygienerAvoid direct contact with eyes, the sPersonal protectionRespiratory protection:Hand protection:Eye protection:	AS No. ml/m ³ (ppm) 140-31-5 140-50-8 kin resorption neasures skin and clothing. If concentrations are over the e Use heat resistant gloves if req	mg/m ³ Type 2 MAK (NL) 1 MAK (DFG) Sensitization:	
Tin74Copper74Skin resorption / Sensitization: SGeneral protection and hygiene rAvoid direct contact with eyes, the sPersonal protectionRespiratory protection:Hand protection:Eye protection:	140-31-5 140-50-8 kin resorption neasures skin and clothing. If concentrations are over the e Use heat resistant gloves if req	2 MAK (NL) 1 MAK (DFG) Sensitization:	
Copper 74 Skin resorption / Sensitization: S General protection and hygiene r Avoid direct contact with eyes, the s Personal protection Respiratory protection: Hand protection: Eye protection:	140-50-8 kin resorption neasures skin and clothing. If concentrations are over the e Use heat resistant gloves if req	1 MAK (DFG) Sensitization:	
Skin resorption / Sensitization: S General protection and hygiene r Avoid direct contact with eyes, the s Personal protection Respiratory protection: Hand protection: Eye protection:	kin resorption neasures skin and clothing. If concentrations are over the e Use heat resistant gloves if req	Sensitization:	
Avoid direct contact with eyes, the s Personal protection Respiratory protection: Hand protection: Eye protection:	skin and clothing. If concentrations are over the e Use heat resistant gloves if req	exposure limit use a supplied air respirator	
Personal protection Respiratory protection: Hand protection: Eye protection:	If concentrations are over the e Use heat resistant gloves if req	exposure limit use a supplied air respirator	
Respiratory protection: Hand protection: Eye protection:	Use heat resistant gloves if req	exposure limit use a supplied air respirator	
Hand protection: Eye protection:	Use heat resistant gloves if req		
<i>,</i>	Operators should wear goggles		
Personal protection:		6	
	Light protective clothing		
9. Physical and chemica Form:			
Form.	Form: Tin-Copper Solder Colour:silver		
Melting Point:	227 °C		
Vapour Pressure:	n.a.		
Density(20°C):	7-8 g/cm ³		
Reaction with substances: Hazardous combustion or decomposition products:	Possible with oxidising agents. none		
11. Toxicological inform	<u>ation</u>		
he toxicological classification of the pr 999/45/EC.	oduct is based on the results of	the calculation procedure of the general prepa	aration directive
Acute Effects:			
None toxic metal.			
12. Ecological information	n		
General information:	No effect to environment know	n	
13. Disposal considerati	ons		
Disposal information			
Product:		I waste disposal service to dispose of this mat	
Further information: Waste identity number:	Observe all federal, state and le Waste identity number EAK-co	ocal environmental regulations. Collect metal	for recycling
14. Transport informatio	on		
GGVS/ADR/RID:		hazardous for transport	
	The product is not classified as		

EC Safety Data Sheet according to Directive 1907/2006

Trade name: Solder- ECOLOY ® TC (S-Sn99Cu1)

Date of issue: 02.03.2005 Revised on: 10.10.2011

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15. Legal regulations:

Labelling information:

Water hazard class: Classification according to the TA Luft:

Ingredients:

The product is classified and labelled according to the EC Directives. Not subject to current legislation

WGK 1 (weakly water-endangering) Organic materials class III; whole-carbon-concentration: Max. acceptable Emission50 mg/m^3 (mass-flow-rate >= 0,5 kg/h) Tin, copper

16. Further information

R-phrases point 3: -----

Other information

This statement is based on our current knowledge and offers no assurance of product properties.

Department issueing the data sheet Stannol GmbH/Quality Assurance/Laboratory

Contact person Dr. Kruppa