

Safety data sheet		
as per 1907/2006/EC		
Written on:	25.02.2004	SDS no. 028_E
Revised on:	20.04.2010	Page 1 of 4
Trade Name:		
Weller Tip Activator		

1	Identification of the substance/preparation and of the company/undertaking	
	Production specifications:	<i>Tip - Activator (TIP TINNER)</i>
	Trade name: model no.	<i>Weller Tip Activator Order no. 005 13 031 99</i>
	Manufacturer/supplier:	<i>CooperTools GmbH, Carl-Benz-Str. 2, 74354 Besigheim Tel: +49 7143 580-0, Fax: +49 7143 580-108</i>
	Information supplied by:	<i>Environmental Protection Department Tel.: +49 7143 580 101, Fax: +49 7143 580 183</i>
	Emergency Phone:	<i>GIZ Mainz Tel.: +49 6131 - 19240</i>

! 2	Hazards identification	
	Hazard designation:	<i>N/A</i>
	Special hazards information for persons and environment:	<i>Fumes Emitted During USE Can Cause Headache and Irritation of Mucous Membranes in the Eyes and Respiratory System. Use Adequate Exhaust.</i>

! 3	Composition/ information on ingredients					
	Chemical characteristics:					
	▪ Description: <i>Tin in suspension with Ammonium Phosphate</i>					
	▪ Hazardous contents:					
	CAS No.	Designation	%	Code	R paragraphs	EU No.
	<i>7440-31-5</i>	<i>Tin</i>	<i>50</i>			
	<i>7783-28-0</i>	<i>Ammonium Phosphate</i>	<i>50</i>			

4	First aid measures	
	General information:	<i>None</i>
	After inhalation:	<i>Provide fresh air; visit doctor in event of health complaints</i>
	After skin contact:	<i>Wash thoroughly with water and soap.</i>
	After eye contact:	<i>Flush eyes for several minutes with flowing water, keeping eyes open.</i>
	After swallowing:	<i>If health complaints persist, visit doctor.</i>

5	Fire-fighting measures	
	Suitable extinguishing agent:	<i>Dry Chemical or Equivalent Type Suitable for Metal Type Fires</i>
	Unsuitable extinguishing agents for safety reasons:	<i>n.a.</i>
	Special hazard resulting from the substance, its combustion products or resulting gases:	<i>n.a.</i>
	Special protective equipment:	<i>If Tin is Involved in Fire, Use Full Protective Clothing and Self-Contained Breathing Apparatus Operated in Positive Pressure Mode.</i>

6	Accidental release measures	
	Personal precautions:	<i>Avoid skin contact.</i>
	Environmental precautions:	<i>Never permit release to sewage system.</i>
	Procedure for cleaning/gathering up:	<i>Scoop or Sweep Up and Discard.</i>

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7	Handling and storage			
	Handling			
	▪ Information for safe handling:	<i>n.a.</i>		
	▪ Information for fire and explosion protection:	<i>n.a.</i>		
	Storage			
	▪ Requirements for store rooms and containers:	<i>Store in a cool and dry place. Avoid temperatures > 110 °F (43 °C)</i>		
	▪ Storage with other substances:	<i>n.a.</i>		
	▪ Further details on storage conditions:	<i>n.r.</i>		
	▪ Storage class:	<i>n.a.</i>		
	▪ VbF class (regulation on flammable liquids)	<i>n.r.</i>		
8	Exposure controls/personal protection			
	Additional information for layout of technical equipment:	<i>Exhaust equipment</i>		
	Components with limit values for monitoring in the workplace:			
	CAS No.	Substance designation	Type	Limit value
	<i>7440-31-5</i>	<i>Tin</i>	<i>AGW</i>	<i>2 E</i>
			<i>OSHA PEL</i>	<i>2.0</i>
	Additional information:	<i>None</i>		
	Personal protective equipment:	<i>None</i>		
	General protection and hygiene measures:	<i>Wash hands prior to breaks and at end of work.</i>		
	▪ Breathing protection	<i>n.a.</i>		
	▪ Hand protection	<i>n.a.</i>		
	▪ Eye protection	<i>n.a.</i>		
	▪ Body protection	<i>n.a.</i>		
9	Physical and chemical properties:			
	Form:	<i>Paste</i>		
	Colour:	<i>Silver</i>		
	Odour:	<i>Low Odour when heated 450 °F (232 °C)</i>		
		Value/range	Unit	Method
	Flashpoint:	<i>n.a.</i>		
	Ignition point	<i>n.a.</i>		
	Viscosity:	<i>n.a.</i>		
	Density at 20 °C:	<i>n.c.</i>		
	Lower Ex-limit:	<i>n.a.</i>		
	Upper Ex-limit:	<i>n.a.</i>		
	Solubility in water at 20 °C:	<i>Tin Insoluble; Ammonium Phosphate Soluble</i>		
	Change of state:	<i>In high Humidity</i>		
	Melting point:	<i>450 °F (232 °C)</i>		
	Boiling point/range:	<i>500 °F (260 °C)</i>		
	Extinguishing agent contents:	<i>n.a.</i>		
	organic water / Volume of solids			
	Bulk density:	<i>n.a.</i>		
	Vapour pressure at 20 °C:	<i>n.a.</i>		
	pH-value at 2%:	<i>n.a.</i>		

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10	Stability and reactivity	
	Thermal decomposition conditions to be avoided:	<i>High Humidity. Evaporation – Open containers may change concentrations.</i>
	Hazardous reactions:	<i>Chlorine - Turpentine</i>
	Hazardous decomposition products:	<i>At Temperatures Above the Melting Point, Metal Oxide Fumes May Be Evolved.</i>

11	Toxicological information	
	Acute toxicity:	<i>Not Listed as a Carcinogen by NTP OSHA ACGIH</i>
	Primary irritant effects:	
	▪ On the skin:	<i>None</i>
	▪ On the eye:	
	▪ Sensory effects	
	▪ Additional toxicological information:	<i>None</i>

12	Ecological information	
	General information:	<i>Solid, no Liquid or Gas.</i>

13	Notes on disposal	
	Product:	
	▪ Recommendation:	<i>Use up. Dispose of in a Permitted Disposal Site in Accordance with all Federal and Local Disposal Regulations.</i>
	Waste reference number:	<i>Recommendation: 12 01 99</i>
	Waste name:	<i>Other non ferrous metal</i>
	Uncleaned packaging:	
	▪ Recommendation:	<i>Disposal according to official regulations.</i>
	▪ Disposal route:	<i>Waste Disposal</i>

14	Transport data	
	Land transport ADR/RID (cross-border)	
	▪ ADR/RID-GGVS/E Class:	<i>n.a.</i>
	▪ Numeric character/letter:	
	▪ Kehler number:	
	▪ UN number:	
	▪ Designation of goods:	
	Maritime transport IMDG	
	▪ IMDG/GGVSea Class:	<i>n.a.</i>
	▪ Page:	
	▪ UN number:	
	▪ Packaging group:	
	▪ EMS number:	
	▪ MFAG:	
	▪ Marine pollutant:	
	▪ Correct technical name:	
	Air transport ICAO-TI and IATA-DGR	
	▪ ICAO/IATA Class:	<i>n.a.</i>
	▪ UN/ID number:	
	▪ Packaging group:	
	▪ Correct technical name:	

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15	Regulatory information	
!	<ul style="list-style-type: none"> ▪ Identification to EC directives: ▪ Identification letter and hazard designation of product: ▪ Hazard components for labelling: ▪ R paragraphs: ▪ S paragraphs: ▪ Special identification special preparations: 	<p><i>The product does not require a hazard warning label in accordance with EC directive.</i></p> <p><i>n.a.</i></p> <p><i>n.a.</i></p> <p><i>n.a.</i></p> <p><i>n.a.</i></p> <p><i>n.a.</i></p>
	National regulations	
	<ul style="list-style-type: none"> ▪ Occupational restrictions ▪ Hazardous Incident Ordinance: ▪ VbF Classification (regulation on flammable liquids): ▪ Technical atmospheric instructions: ▪ Water pollution class: 	<p><i>n.a.</i></p> <p><i>n.a.</i></p> <p><i>n.a.</i></p> <p><i>n.a.</i></p> <p><i>0 (self-assessment)</i></p>
16	Other information	
		<i>none</i>

**This data is based on our present knowledge.
 However, it does not constitute a guarantee for any specific product feature and shall not establish a legally valid contractual relationship.**

**Department issuing data sheet: Environmental Protection Department
 Contact partner: V. Heller**

n.a.	= not applicable
n.c.	= not determined
n.r.	= not required