

Safety data sheet as per 91/155/EEC		
Written on:	25.02.2004	SDS no. 028_E
Revised on:	29.09.2004	Page 1 of 4
Trade Name: Weller Tip Activator		

1	Materials/Preparation and company designation	
	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	Composition/component data					
	Chemical characteristics:					
	▪ Description: <i>Mixture of methanol and adipic acid with harmless admixtures</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>			

3	Potential hazards	
	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>

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	Measures if inadvertently released	
	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</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 limits and personal protective equipment

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	Unit
<i>7440-31-5</i>	<i>Tin</i>	<i>MAK u.D.</i>	<i>2 E</i>	<i>mg/m³</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: organic water / Volume of solids	<i>n.a.</i>		
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	Toxicology data	
	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 and GGVE (internal/international)	
	▪ ADR/RID-GGVS/E Class:	<i>n.a.</i>
	▪ Numeric character/letter:	
	▪ Kemler number:	
	▪ UN number:	
	▪ Designation of goods:	
	Ocean transport IMDG/GGVSea	
	▪ 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	Instructions	
	▪ Identification to EC directives:	<i>n.a.</i>
	▪ Identification letter and hazard designation of product:	<i>n.a.</i>
	▪ Hazard components for labelling:	<i>n.a.</i>
	▪ R paragraphs:	<i>n.a.</i>
	▪ S paragraphs:	<i>n.a.</i>
	▪ Special identification special preparations:	<i>n.a.</i>
	National regulations	
	▪ Occupational restrictions	<i>n.a.</i>
	▪ Hazardous Incident Ordinance:	<i>n.a.</i>
	▪ VbF Classification (regulation on flammable liquids):	<i>n.a.</i>
	▪ Technical atmospheric instructions:	<i>n.a.</i>
	▪ Water pollution class:	<i>0 (self-assessment)</i>
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