

Safety data sheet
as per 1907/2006/EC Article 31



Written on: **25.02.2004**
 Revised on: **24.11.2011**

SDS no. **028_E**
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Trade Name:
Weller Tip Activator

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

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

! 3 Composition/ information on ingredients					
Chemical characteristics:					
▪ Description:		Tin in suspension with Ammonium Phosphate			
▪ Hazardous contents:					
CAS No.	Designation	%	Code	H/R paragraphs	EU No.
7440-31-5	Tin	34		Xi Irritant; R 36/37/38	231-141-8
7722-76-1	Ammonium Phosphate	47			231-764-5
7783-28-0	Diamonium Phosphate	12			231-987-8
	Non-Hazardous Ingredients			Warning, H315, 319, 335	
7757-82-6	Surfactant	<1			231-820-9
7732-18-5					231-791-2
91-20-3					202-049-5

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

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

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

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7	Handling and storage	
	Handling	
	▪ Information for safe handling:	n.a.
	▪ Information for fire and explosion protection:	n.a..
	Storage	
	▪ Requirements for store rooms and containers:	Store in a cool and dry place. Avoid temperatures > 110 °F (43°C)
	▪ Storage with other substances:	n.a.
	▪ Further details on storage conditions:	n.r.
	▪ Storage class:	n.a.
	▪ VbF class (regulation on flammable liquids)	n.r.

8	Exposure controls/personal protection			
	Additional information for layout of technical equipment:	Exhaust equipment		
	Components with limit values for monitoring in the workplace:			
	CAS No.	Substance designation	Type	Limit value
	7440-31-5	Tin	AGW OSHA PEL	ST 0,2 / LT 0,1
	Additional information:		None	
	Personal protective equipment:		None	
	General protection and hygiene measures:		Wash hands prior to breaks and at end of work.	
	▪ Breathing protection		n.a.	
	▪ Hand protection		n.a.	
	▪ Eye protection		n.a.	
	▪ Body protection		n.a.	

9	Physical and chemical properties:		
	Form:	Paste	
	Colour:	Silver	
	Odour:	Low Odour when heated 450 °F (232 °C)	
		Value/range	Unit
	Flashpoint:	n.a.	
	Ignition point	n.a.	
	Viscosity:	n.a.	
	Density at 20 °C:	n.c.	
	Lower Ex-limit:	n.a.	
	Upper Ex-limit:	n.a.	
	Solubility in water at 20 °C:	Tin Insoluble; Ammonium Phosphate Soluble	
	Change of state:	In high Humidity	
	Melting point:	450 °F (232 °C)	
	Boiling point/range:	500 °F (260 °C)	
	Extinguishing agent contents:	n.a.	
	organic water / Volume of solids		
	Bulk density:	n.a.	
	Vapour pressure at 20 °C:	n.a.	
	pH-value at 2%:	6	

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

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

12 Ecological information	
General information:	Solid, no Liquid or Gas.

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

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

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15	Regulatory information	
!	▪ Identification to EC directives:	
	▪ Identification letter and hazard designation of product:	Xi Irritant GHS: "Warning"
	▪ Hazard components for labelling:	Diamonium Phosphate
	▪ R paragraphs:	R 36/37/38 Irritating to eyes, respiratory system and skin
	Hazard Statement -H-phrases:	H315: Causes skin irritation. H319: Causes serious eye irritation. H335: May cause respiratory irritation.
	Precautionary Statement - P-phrases:	P261: Avoid breathing dust/fume/gas/mist/vapours/spray. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	▪ Special identification special preparations:	n.a.
	National regulations	
	▪ Occupational restrictions	n.a.
	▪ Hazardous Incident Ordinance:	n.a.
	▪ VbF Classification (regulation on flammable liquids):	n.a.
	▪ Technical atmospheric instructions:	n.a.
	▪ Water pollution class:	1 (self-assessment)

16	Other information	
!	Abbreviations and acronyms:	GHS: Globally Harmonized System of Classification and Labelling of Chemicals

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