

# Tip Tinner

## Material Safety Datasheet

1. Product and Company Identification				
<b>Product Name:</b>	Tip Tinner			
<b>Part Numbers:</b>	TMT-TC-1			
<b>Company Name:</b>	Thermaltronics (HK) Company Ltd			
<b>Address:</b>	Suite 202 2/F Block B, Chung Mei Centre 15 Hing Yip Street Kwun Tong , Kowloon Hong Kong			
<b>Emergency Contact:</b>	Email: support@thermaltronics.com Telephone: +86 (10) 6377 8573 Fax: +86 (10) 8389 3442			
2. Hazards Identification				
<b>Hazard Classification:</b>	Not classified as a Hazardous Substance.			
<b>Risk Phrases:</b>				
<b>Safety Phrases:</b>	Keep out of reach of children.			
<b>Relevant routes of exposure:</b>	Ingestion.			
<b>Potential Health Effects</b>				
<b>Inhalation:</b>	The fumes produced during use will irritate the nose and throat.			
<b>Skin contact:</b>	Skin irritation may result from prolonged contact.			
<b>Eye contact:</b>	Fumes produced during use may irritate the eyes.			
<b>Ingestion:</b>	Will irritate the digestive tract.			
3. Composition/Information on Ingredients				
Components	CAS Number	%	HSIS TWA	HSIS STEL
Tin	7440-31-5	<60	2mg/m <sup>3</sup>	N/A
2-hydroxypropane-1,2,3-tricarboxylic acid	77-92-9	<30		
Hydroxybutanedioic acid	6915-15-7	<30		
Alcohol ethoxylate	68439-46-3	<10		
Non hazardous ingredients	n/a	<10		
4. First Aid Measures				
<b>Inhalation:</b>	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear. Administer oxygen if breathing is difficult. If symptoms develop and persist, seek medical attention.			
<b>Skin Contact:</b>	Wash the affected area with plenty of cold or lukewarm running water. If symptoms develop and persist, seek medical attention.			
<b>Eye Contact:</b>	Flush immediately with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. If symptoms develop and persist seek medical attention.			
<b>Ingestion:</b>	Do NOT induce vomiting. Wash out mouth with water. If symptoms develop and persist, seek medical attention.			

# Tip Cleaner

## Material Safety Datasheet

<b>5. Firefighting Measures</b>	
<b>Flash point:</b>	>200°C (Closed Cup)
<b>Autoignition temperature:</b>	Non Flammable
<b>Flammable/Explosive limits-lower %:</b>	N/A
<b>Flammable/Explosive limits-upper %:</b>	N/A
<b>Extinguishing media:</b>	N/A
<b>Special fire fighting procedures:</b>	N/A
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide, oxides of nitrogen, soot and organic substances.
<b>Hazchem Code:</b>	N/A
<b>6. Accidental Release Measures</b>	
<b>Environmental precautions:</b>	Dispose of waste according to federal, EPA and state regulations. If large spillages of this material enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.
<b>Clean-up methods:</b>	Use appropriate personal protective equipment during clean-up.
<b>7. Handling and Storage</b>	
<b>Handling:</b>	No special handling procedures are required. Wash hands thoroughly after handling. Store in a cool, dry well-ventilated area away from heat, oxidising agents and out of direct sunlight. Keep out of reach of children and away from food.
<b>Incompatible Products:</b>	Refer to Section 10.
<b>8. Exposure Controls/Personal Protection</b>	
<b>Engineering controls:</b>	No exposure standards have been established for this material by HSIS. Exposure should be kept to the lowest possible levels.
<b>Respiratory protection:</b>	Not normally required. However if engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against fume.
<b>Skin protection:</b>	Gloves are recommended as good industrial practice
<b>Eye/face protection:</b>	Safety glasses are recommended as good industrial practice.
<b>9. Physical and Chemical Properties</b>	
<b>Physical state:</b>	Solid (tablet).
<b>Colour:</b>	Grey.
<b>Odor:</b>	None
<b>pH:</b>	N/A
<b>Boiling point/range:</b>	>500°C
<b>Melting point/range:</b>	>200°C
<b>Specific gravity:</b>	Approx. 4 g/cm <sup>3</sup>
<b>Vapour density:</b>	N/A
<b>Evaporation rate:</b>	N/A
<b>Solubility in water:</b>	Partially soluble.

# Tip Cleaner

## Material Safety Datasheet

10. Stability and Reactivity	
<b>Stability:</b>	Stable at normal temperatures and conditions.
<b>Hazardous</b>	Will not occur.
<b>Hazardous decomposition products:</b>	In case of incomplete combustion and/or thermal decomposition carbon monoxide, carbon dioxide may be released. Molten tin may be formed.
<b>Incompatibility:</b>	Incompatibility: Strong oxidising agents.
<b>Conditions to avoid:</b>	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).
11. Toxicological Information	
<b>Product toxicity data:</b>	Not determined.
12. Ecological Information	
<b>Ecological information:</b>	The product is not readily biodegradable but inherently biodegradable.
13. Disposal Considerations	
<b>Recommended method of disposal:</b>	Recycle if possible. Dispose of according to Federal, State and local governmental regulations.
14. Transport Information	
Not classified as a Dangerous Good.	
<b>Domestic (Land):</b>	
<b>Proper shipping name:</b>	No information found
<b>UN No.:</b>	
<b>Hazard class or division:</b>	
<b>Packing group:</b>	
<b>International Air Transportation (ICAO/IATA):</b>	
<b>Proper shipping name:</b>	No information found
<b>UN No.:</b>	
<b>Hazard class or division:</b>	
<b>Packing group:</b>	
15. Regulatory Information	
Not Applicable	
16. Other Information	
<b>Other Information:</b>	N/A
<b>Preparation Information:</b>	Created February 2011
<b>Disclaimer:</b> The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall Thermaltronics be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if Thermaltronics has been advised of the possibility of such damages.	