

Tip Tinner Material Safety Datasheet

1. Product and Company Identification

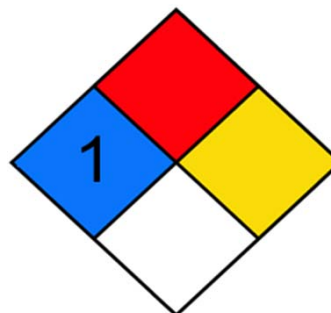
Product Name: Tip Tinner
Part Numbers: TMT-TC-2
Company Name: Thermaltronics (HK) Company Ltd
Address: Rm. 5, 27/F, Billion Trade Centre
 30 Hung To Road
 Kwun Tong, Kowloon Hong Kong
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2. Hazards Identification

Hazard Classification: Not classified as a Hazardous Substance.

Classification System: NFPA Rating (scale 0-4) HMIS Rating (scale 0-4)

Chemical Name	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	X



Safety Phrases: Keep out of reach of children.
Relevant routes of exposure: Inhalation, ingestion, eye or skin contact.
Potential Health Effects: Prolonged or repeated exposure due to ingestion may cause anemia, insomnia, weakness, constipation and abdominal pain. Prolonged or repeated exposure due to skin exposure and inhalation may cause skin rash and damage to the mucous membranes.
Inhalation: The fumes produced during use will irritate the nose and throat.
Skin contact: Skin irritation may result from prolonged contact.
Eye contact: Fumes produced during use may irritate the eyes.
Ingestion: Will irritate the digestive tract.

3. Composition/Information on Ingredients

Components	CAS Number	%	HSIS TWA	HSIS STEL
Tin	7440-31-5	57	2mg/m ³	N/A
Diammonium Phosphate	7783-28-0	40		
Triton-X100	9002-93-1	1		
Non hazardous ingredients	n/a	2		

Tip Tinner Material Safety Datasheet

4. First Aid Measures	
Inhalation:	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.
Skin Contact:	Wash the affected area with plenty of cold or lukewarm running water. If symptoms develop and persist, seek medical attention.
Eye Contact:	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.
Ingestion:	Do NOT induce vomiting. Wash out mouth with water. If symptoms develop and persist, seek medical attention.
5. Firefighting Measures	
Flash point:	N/A
Autoignition temperature:	Non Flammable
Flammable/Explosive limits-lower %:	N/A
Flammable/Explosive limits-upper %:	N/A
Extinguishing media:	Carbon dioxide, dry chemical, or alcohol-type foam.
Special fire fighting procedures:	Closed containers may explode when exposed to fire conditions.
Unusual fire or explosion hazards:	None
Hazardous combustion products:	Under fire conditions this product may emit toxic and/or irritating fumes such as ammonia.
Hazchem Code:	N/A
6. Accidental Release Measures	
Environmental precautions:	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.
Clean-up methods:	Use appropriate personal protective equipment during clean-up.
7. Handling and Storage	
Handling:	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.
Incompatible Products:	Strong oxidizing materials
8. Exposure Controls/Personal Protection	
Engineering controls:	No exposure standards have been established for this material by HSIS. Exposure should be kept to the lowest possible levels.
Respiratory protection:	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.
Skin protection:	Gloves are recommended as good industrial practice
Eye/face protection:	Safety glasses are recommended as good industrial practice.

Tip Tinner Material Safety Datasheet

9. Physical and Chemical Properties	
Physical state:	Solid (tablet)
Colour:	Grey
Odor:	Mild
pH:	N/A
Boiling point/range:	N/A
Melting point/range:	N/A
Specific gravity:	Solid
Vapour density:	N/A
Evaporation rate:	N/A
Solubility in water:	Tin-Insoluble, Diammonium Phosphate-Water Soluble
10. Stability and Reactivity	
Stability:	Stable at normal temperatures and conditions.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	In case of incomplete combustion and/or thermal decomposition carbon monoxide, carbon dioxide may be released. Molten tin may be formed.
Incompatibility:	Strong oxidising agents.
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).
11. Toxicological Information	
Product toxicity data:	Not determined. See ingredients.
12. Ecological Information	
Ecological information:	N/A
13. Disposal Considerations	
Recommended method of disposal:	Recycle if possible. Dispose of according to Federal, State and local governmental regulations.
14. Transport Information	
Not classified as a Dangerous Good.	
Domestic (Land):	
Proper shipping name:	No information found
UN No.:	N/A
Hazard class or division:	No classification
Packing group:	N/A
International Air Transportation (ICAO/IATA):	
Proper shipping name:	No information found
UN No.:	N/A
Hazard class or division:	No classification
Packing group:	N/A

Tip Tinner Material Safety Datasheet

15. Regulatory Information

United States:

All chemical substances in this product are listed in the EPA (Environmental Protection Agency) and the TSCA (Toxic Substances Control Act) Inventory)

SARA Hazardous Category:

This product has been reviewed according to the EPA hazard categories under Section 311 & 312 of the Superfund Amendment and Reorganization Act of 1986 and is considered under applicable definitions to meet the following category: Not to have met any hazardous category.

TOXIC Substance Control Act (TSCA):

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

California Prop 65: None

CANADA:**WHMIS REGULATIONS**

The Canadian workplace hazardous materials information system classification for this product is, "This product has been classified in accordance with the hazard criteria of the Canadian Controlled Product Regulations (CPR) and the MSDS contains all the information required by the CPR.

EUROPEAN UNION:**REACH SVHC (Substances of Very High Concern):**

Dangerous Substances Hazard Classification- X Irritant

R-Phases (Risks to Humans or the Environment)

- R36/37-Irritating to eyes and respiratory system.

S-Phases (Safety Precautions for storing, handling and using the product)

-S 2- Keep out of the reach of children

-S 25/25- Avoid contact with skin and eyes

-S 26- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. Other Information

Preparation Information:

Created September 1st, 2012. Updated Apr 3rd, 2015.

Revision Summary:

This MSDS replaces the 09/01/2012 MSDS.

Disclaimer: 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.