

=====  
 Section I - IDENTIFICATION  
 =====

Eutectic Canada Inc.  
 52 Hymus Blvd., Suite 220  
 Pointe Claire, Quebec  
 H9R 1C9

Emergency Telephone: (514) 695-7500  
 Product Name: Eutec-TinWeld #1  
 AWS Standard Terminology: Soldering Alloy  
 WHMIS Classification: D2-B Other Toxic Effects

Transportation of Dangerous Goods: Not Applicable

 =====  
 Section II - HAZARDOUS INGREDIENTS  
 =====

| Ingredient      | Range<br>wt% | CAS Number | Exposure Limit<br>mg/m3 |
|-----------------|--------------|------------|-------------------------|
| Tin, elemental  | 30-60        | 7440-31-5  | 2                       |
| Lead, elemental | 30-60        | 7439-92-1  | 2                       |
| Zinc chloride   | 10-30        | 7646-85-7  | 1 (fume)                |

 =====  
 Section III - PHYSICAL / CHEMICAL CHARACTERISTICS  
 =====

The following data should only be used in the context of the Material Safety Data Sheet.

Physical State: Paste  
 Specific Gravity: > 10  
 Appearance and Odour: Dark grey paste; heavy odour

Solubility(water @ 20 deg C): Moderate

 =====  
 Section IV - FIRE AND EXPLOSION DATA  
 =====

Flammable: No  
 Unusual Fire & Explosion Hazards: Excessive heat may result in lead oxide fumes.

=====  
Section V - REACTIVITY  
=====

Level of stability: Stable  
Hazardous Polymerization: Will not occur.  
Hazardous Decomposition: May produces toxic lead oxide fumes.

=====  
Section VI - HEALTH HAZARD DATA  
=====

Route of Entry/Exposure: Inhalation, ingestion, eye and skin contact.  
  
Short and Long Term Effects: Fumes may contribute to eye, skin and respiratory irritations. Fume residues are poisonous.

=====  
Section VII - EMERGENCY FIRST AID  
=====

Eyes and skin: rinse thoroughly with clear water.  
Inhalation: Remove to well ventilated area. Obtain medical assistance if necessary.  
Ingestion: Fume residues contain lead and are poisonous. Obtain medical assistance.

=====  
Section VIII - PREVENTIVE MEASURES  
=====

Personal protective equipment: Use CSA approved respirator for protection against fumes in confined areas or where local exhaust or ventilation does not keep exposure below the recommended exposure limit. Wear protective goggles and chemical resistant gloves. Refer to CSA W117.2 - Safety in Welding and Cutting - for further information.

Storage and handling: Keep in tightly closed glass or plastic containers. Do not store near open flame.

Steps to be taken if material is released or spilled: Avoid skin or eye contact. Absorb with an inert material.

Waste Disposal Method: Prevent waste from contaminating environment. Disposal should be in accordance with local, provincial and federal regulations.

=====  
Section IX - PREPARATION OF MATERIAL SAFETY DATA SHEET  
=====

Prepared by: Director of Product and Services  
Contact number: (514) 695-7500  
Date Prepared: 30/09/99  
Date Revised: 30/09/07