2. Composition/Information on ingredients
Preparation: Rosin, Tin, Copper
Substance CAS Weight
 Tin (Sn) 7440-31-5 99.3%  
 Copper (Cu) 7440-50-8 0.7%  
 Rosin 8052-10-6 2.5

3. Hazards Identifications
EYE CONTACT: MAY CAUSE EYE IRRITATION
SKIN CONTACT: CAN CAUSE SLIGHT IRRITATION
INHALATION: IRRITATION TO MOUTH, THROAT AND STOMACH. CAN CAUSE ABDOMINAL DISCOMFORT, NAUSEA, VOMITING AND DIARRHOEA
INHALATION: MAY CAUSE LOCAL IRRITATION TO THE RESPIRATORY SYSTEM

4. First Aid Measures
Immediate medical attention required: Yes
Professional assistance from physician required: Yes
Summary of first aid is as follows:
Inhalation: remove subject to fresh air as soon as possible using self contained breathing apparatus if appropriate to protect rescuer. If subject breathing, keep warm and at rest, preferably outdoors. Do not leave the subject. Remove contaminated clothing if possible. If subject has stopped breathing, give appropriate artificial respiration (preferably with a brook airway). When breathing starts, place subject in recovery position. Do not leave the victim. Get medical assistance as soon as possible, remove to hospital for further treatment. Give oxygen if available (short applications, not continuous therapy).
Skin contact: Immediately drench skin with cold water, irrigating the affected area for 15 minutes. As soon as possible get medical aid and/or remove subject to hospital for specialised treatment.
Eye contact: Immediately drench eyes with cold water, irrigating the affected area for 15 minutes. As soon as possible get medical aid and/or remove subject to hospital for specialised treatment. Ingestion: Remove subject to fresh air as soon as possible, and follow the guidelines for 'Inhalation' above.

5. Fire-Fighting Measures
Suitable extinguishing media:
use alcohol resistant foam, carbon dioxide or dry powder extinguishers.
Unsuitable extinguishing media:
Standard water jet fire hoses can spread the fire and may cause dangerous explosions.
Special exposure hazards in fire:
Danger of explosion in enclosed space - keep nearby gas containers cool with water spray.
Fires involving gases usually give off TOXIC FUMES and VAPOURS.
Unsuitable extinguishing media: Standard water jet fire hoses can spread the fire and may cause dangerous explosions.

6. Accidental Release measures
Shut out all sources if ignition.
No fire, smoking or flames in area.
Wear appropriate protective equipment
For spills: wipe away and scrape away with cloth or paper, take up and store in a sealed container

7. Handling and Storage
Handling: GoSystem Lead Free cored solder wire are supplied from the factory in Fireboard combination in Fireboard Combination Packages of 6 soldiers per package.
Packages should be handled with care and kept in a seal container when transferring the packages.

8. Exposure Controls
Respiratory protection:
Should be used if there is a risk of high vapour concentration.
Hand protection:
Use rubber gloves if in contact with liquid.
Skin protection:
Wear protective overalls with long sleeves to protect exposed skin.
Eye protection:
Use goggles or face shield when soldering.
When used as a fuel source, the above controls will not be necessary. However, products fuelled by LPG should always be used in well ventilated areas, preferably outdoors.

9. Physical and Chemical Properties
Appearance: Silver Grey Solid
Boiling point/boiling range: Undetermined
Explosive properties: Not applicable
Oxidising properties: Not applicable
Vapour pressure: <0.01mmHg @ 20 deg. C
Solubility (water and fat): Almost Insoluble

10. Stability & Reactivity
This product is stable
Conditions: Instability: Stable in Normal conditions. Over melting point will emit toxic In oxides (In)
Incompatibility: Slightly reactive with oxidizing agents, acids, moisture
Hazardous Decomposition Products: Not Available
Hazardous polymerization: Will not occur
Corrosivity: Not considered to be corrosive for metal and glass.
Special remarks on corrosivity: Not Available

11. Toxological Information
Inhalation:
May Cause respiratory irritation
Precautions: Inhalation of vapours should be avoided. Where, exceptionally, higher concentrations of vapour are likely to be present, in the event of a spillage in a badly ventilated area, persons should not be allowed to enter the area, even in an emergency, until the atmosphere has been checked and passed as safe by a competent person.
First Aid: Remove the affected person to fresh air. If breathing has stopped administer artificial respiration. Give external cardiac massage if necessary. Obtain medical assistance immediately.

12. Ecological Information
Possible effects:
No known effects on the environment.
Behaviour:
No known ecological damage will be caused by this product.
Environmental fate:
Do not allow product to reach ground water, water course or sewage system.

13. Disposal Considerations
Dispose must be according to official regulations.
Must not be disposed of together with household waste.
Do not allow product to reach sewage system.

14. Transport information
Classification for carriage: N/A
ADR/RID Proper shipping name: N/A
Preparation identification number: N/A
Land transport ADR/RID

15. Regulatory Information
Supply label information: This information has been classified according to the requirements (work) Regulations 1980.
Dangerous for supply:
Symbols: N/A
Category of Danger: Irritating Substance
Risk Phrases: N/A
Safety Phrases: S2 Keep out of reach of children
S9 Keep solders in a well ventilated place
S16 Keep away from sources of ignition
Applicable EU Provisions and associated UK legislation:
Labelling according to EEC directives

16. Other Information
Reference:
Level 0-4, from least to serious.
NFP A: National Fire Protection Association rating identifies hazards, during a fire emergency.
HMRS - Hazardous Materials Identification System rating applies to process as packaging Hazardous NFPA Hazard
Health 1 1
Flammability 1 1
Reactivity 0 0
The data contained in this Safety Sheet has been supplied as a requirement by the Chemicals (Hazard Identification and Packaging for Supply) Regulations 2002, for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.
Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

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