

Assembly Technologies
International
(DBA American Beauty Tools)

Safety Data Sheet
29 CFR 1910.1200



Section 1: Company and Product Identification

Product Name: Solder, Lead-Free


Product Number: CS-PBF2

Company: American Beauty Tools
1937 Barrett Dr
Troy, MI 48084
PH: 1-800-550-2510, 1-248-280-2810

Emergency CHEMTREC 24 Hour Emergency Telephone Numbers:

Response: 1-(800)-424-9300
+1-703-527-3887

Section 2: Hazards Identification

Hazard Pictograms:	
Signal Word:	Warning
Hazard Category:	Acute Aqua Tox 1 Chronic Tox 1
Hazard Statements:	May be harmful if swallowed May be harmful if inhaled May cause eye irritation May be harmful in contact with the skin Very toxic to aquatic life with long lasting effects
Precautionary Statements:	Avoid breathing mist/vapors/spray. Do not get in eyes, on skin, or on clothing. Use in a well ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation use respiratory protection. Do not breathe dust/fume/gas/mist/vapor/spray. Do not eat, drink or smoke when using this product. IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Immediately call a POISON CENTER/Doctor. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical advice/attention if you feel unwell. IF INHALED: Remove victim to to fresh air and keep comfortable for breathing. Get medical advice/attention if you feel unwell IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call POISON Wash thoroughly after use. Wash contaminated clothing before reuse. Store in a closed compatible container in cool dry place. Avoid release to the environment. Dispose of contents/container in accordance with specified local/regional/national/international regulations for disposal. Keep out of the reach of children. Read label and SDS prior to use.
Hazards not otherwise classified:	NA

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	OSHA TWA	CAS#	ACIGH TWA
Tin	2mg/M3	7440-31-5	2mg/M3
Copper	0.1mg/M3	7440-50-8	0.2mg/M3

Only those ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200. An ingredient marked with an asterisk(*) is also listed in 29CFR 1910.1200(D) #4 as a known or suspected cancer hazard.

+ denotes a chemical regulated as toxic by the Environmental Protection Agency (EPA) as outlined in 40CFR Part 372

Section 4: First Aid Measures

General Info: Contact with material, dust and fumes may cause skin, eye and respiratory tract irritation. Excessive inhalation of dust or fumes may result in "metal fume fever", with the onset of symptoms taking several hours after exposure to manifest. Ingestion may cause digestive tract irritation. Ingestion of very large amounts of material may be toxic. Excessive and repeated inhalation may result in benign pneumoconiosis. Chronic exposure via inhalation and ingestion may result in liver, red blood cell, kidney, reproductive and respiratory system effects. Excessive and repeated skin exposure may result in systemic effects including pigmentation changes. Studies show that potential health risks vary by individual. Always minimize exposure.

Notable Exposure symptoms: Signs and symptoms of exposure: Inhalation-Nose & throat irritation, headache, dizziness, difficulty breathing, coughing. Ingestion-nausea, vomiting, cramps. Skin-redness, burning, rash, dryness. Eye-redness, burning, tearing, blurred vision.

If ingested: : DO NOT induce vomiting, drink large amounts of water - seek medical attention. Never give anything by mouth to an unconscious person Inhalation: Remove to fresh air. Support respiration if required - Seek medical attention

If inhaled: Remove to fresh air. Support respiration if required. Seek medical attention if required.

Eye contact: Flush with water for 15 minutes - Seek medical attention

Skin contact: Flush with water immediately - Seek medical attention if necessary .

Additional Info: NA

Section 5: Fire Fighting Measures

General Info: High concentrations of dust may be explosive above 1100 F. May release metal and metal oxide fumes.

Extinguishing Dry chemical.

Method / Equipment: Use self sustaining respiratory suit.

Hazardous NA

Decomposition Info:

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Flush into chemical sewer or sweep up with a suitable absorbent. Wear adequate protection as described in section 8.

Containment Environmental Precautions: Avoid release to the environment. Collect spillage.
Equipment and Procedures:

Cleanup Procedures: Environmental Precautions: Avoid release to the environment. Collect spillage.

Section 7: Handling and Storage

Safe Handling Wash thoroughly after use. Wash contaminated clothing before reuse.

Precautions:

Recommendations Store in a closed corrosive resistant container, with corrosive resistant liner, in cool dry place.
for Storage: Keep out of the reach of children. Read label and SDS prior to use.

Incompatibilities: NA

Section 8: Exposure Control / Personal Protection

General / Ventilation: Local Exhaust preferred

Engineering Mechanical: OK

Controls: Special: NE

Work Clothing: Protective Gloves: plastic or rubber Eye Protection: Goggles or face shield.
 Other Protective Clothing or Equipment: as required to avoid contact.

Eye/face protection: Eye Protection: Goggles or face shield

Skin Protection: Protective Gloves: plastic or rubber Eye Protection: Goggles or face shield

Respiratory HEPA mask required for fumes above TWA.

Protection: OSHA TWA: Tin 2mg/M3; Copper 0.1mg/M3
 ACIGH TWA: Tin 2mg/M3; Copper 0.2mg/M3

Additional Work/Hygienic Practices: Wash after use. Follow good industrial hygienic practices.
Information:

Section 9: Physical and Chemical Properties

State: Solid	Melting Point: 450 F	Freezing Point: Not avail
Color: Silver/Gr	Boiling Point/Range: 4120 F	pH NE
Sp Grav: 7.3	Odor: Odorless	Water Solubility: Nil
Evaporation rate: <1 (butyl acetate=1)	Flash Point: NE (TOC)	Part. Coeff (n-octanol/water): Not avail
Upper Flam Limits: NE	Lower Flam Limits: NE	Vapor Pressure: NE
VOC Content (lbs/gal):	Viscosity: NA	Autoignition Temp: NA

Section 10: Stability and Reactivity

General: This product is stable and non-reactive under normal conditions of use.

Incompatible materials: strong bases & acids, oxidizers, sulfides, halogens.

Decomposition products: High concentrations of dust may be explosive above 1100 F. May release metal and metal oxide fumes.

Hazardous Polymerization: WILL NOT OCCUR Conditions to avoid: none

Section 11: Toxicological Information

General Information: Contact with fumes, dust and material may cause skin, eye and respiratory tract irritation. Ingestion may cause digestive tract irritation. Gross or repeated inhalation may result in "metal fume fever", symptoms of which may not manifest for several hours after exposure. Chronic exposure via inhalation may result in benign pneumoconiosis, other respiratory tract effects. Chronic inhalation and ingestion may result in kidney effects. Studies show that potential health risks vary by individual. Always minimize exposure as a precaution.

Toxicological Information (product): Contact with fumes, dust and material may cause skin, eye and respiratory tract irritation. Ingestion may cause digestive tract irritation. Gross or repeated inhalation may result in "metal fume fever", symptoms of which may not manifest for several hours after exposure. Chronic exposure via inhalation may result in benign pneumoconiosis, other respiratory tract effects. Chronic inhalation and ingestion may result in kidney effects. Studies show that potential health risks vary by individual. Always minimize exposure as a precaution.

Likely Routes of Exposure: Inhalation: yes Skin: no Ingestion: yes

Section 12: Ecological Information

General information: NE

Aquatic toxicity: NE

Degradation / Mobility info: NE

Bioaccumulative potential: NE

Section 13: Disposal Information

Product disposal: dispose of in accordance with all local state and federal regulations.

Container disposal: dispose of in accordance with all local state and federal regulations

Other considerations: Avoid skin & eye contact, inhalation & ingestion of fumes and material. Wash contaminated clothing before reuse. Keep away from children.

Section 14: Transport Information

DOT: Non Hazardous

IMO/IMDG: Non Hazardous

IATA: Non Hazardous

OTHER: Not Established

Comments:

Section 15: Regulatory Information

NFPA Classification (NFPA 325M, 8th edition)(Health, Flammability, Reactivity): 1-0-0

CERCLA RQ: NE

SARA 311/312: NE

SARA 313 NE

California Prop 65 PROPOSITION 65 WARNING: American Beauty tools & accessories are lead-free & RoHS
Substances: Compliant. However, use of this product with lead-bearing solders (or any other chemicals found on the current Proposition 65 List) could expose the user to chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

Canadian DSL: NE

WHMIS: NE

Section 16: Other Information

SDS Author: ASSEMBLY TECHNOLOGIES INTERNATIONAL **Version Date:** 2/14/2021

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NE = Not Established N/A = Not Applicable