

Assembly Technologies International
(DBA American Beauty Tools)

Safety Data Sheet
29 CFR 1910.1200



Section 1: Company and Product Identification

Product Name: Solder (Lead Bearing)

Model Number: CS-PB50-3

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

Emergency Response: CHEMTREC 24 Hour Emergency Telephone Numbers:
1-(800)-424-9300
+1-703-527-3887

Section 2: Hazards Identification

Hazard Pictograms:



Signal Word: Warning

Hazard Category: Acute tox, oral Cat 4
Hazard to aquatic environment, chronic Cat 1
Specific target organ tox, repeat exp. Cat 2
Reproductive tox Cat 2
Carcinogenicity Cat 2

Hazard Statements: H302: Harmful if swallowed
H410: Very toxic to aquatic life with long lasting effects
H373: May cause damage to organs through prolonged or repeated exposure
H361: Suspected of damaging fertility or the unborn child
H351: Suspected of causing cancer
H332: Harmful if inhaled

Precautionary Statements: P264: Wash thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P281: Use personal protective equipment as required
P301+312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel
P330: Rinse mouth
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P271: Use only outdoors or in a well-ventilated area
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P405: Store locked up
P273: Avoid release to the environment
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing
P201: Obtain special instructions before use
P202: Do not handle until all safety precautions have been read and understood
P314: Get Medical advice/attention if you feel unwell
P391: Collect spillage
P308+313: IF exposed or concerned: Get medical advice/attention

Do not handle until all safety precautions have been read & understood. Avoid breathing dust/mist/vapors/fumes/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. Wash with soap & water. Get medical advice/attention if skin irritation or rash occurs or if you feel unwell. IF INHALED: Remove victim 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 CENTER/Doctor. 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: Not applicable, none known.

Section 3: Composition / Information on Ingredients

Hazardous substance (name)	OSHA TWA	CAS#	Weight %	ACIGH TWA
Tin	2mg/M3	7440-31-5		2mg/M3
Lead*+	0.05mg/M3	7439-92-1	% as specified	0.05mg/M3
Antimony+	0.5mg/M3	7440-36-0	% as specified	0.5mg/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 313)

Section 4: First Aid Measures

General Info: Medical conditions aggravated by exposure: Skin, kidney and respiratory conditions.

Notable Exposure symptoms: 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

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

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

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

Section 5: Fire Fighting Measures

General Info: Special fire fighting procedures: use self sustaining respiratory suit.

Unusual Fire and Explosion Hazards: May release Toxic metal & oxide fumes. High concentrations of dust may present explosion hazard. Water trapped below molten may explode thus spattering molten metal

Extinguishing Method dry chemical.

/ Equipment:

**Hazardous
Decomposition Info:**

Section 6: Accidental Release Measures

Personal precautions, protective equipment and procedures: Wear adequate protection as described in section 8.

Containment Methods and materials: Flush into chemical sewer or sweep up with a suitable absorbent. Wear adequate protection as described in section 8.
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: Keep out of the reach of children. Read label and SDS prior to use.

Recommendations for Storage: Store in a closed corrosive resistant container, with corrosive resistant liner, in cool dry place.

Incompatibilities: Not avail.

Section 8: Exposure Control / Personal Protection

General / Engineering Controls: Local Exhaust preferred Special: NE
Controls: Mechanical: OK Other: NE

Work Clothing: as required to avoid contact.

Eye/face protection: Goggles or face shield

Skin Protection: plastic or rubber

Respiratory Protection: HEPA mask required for fumes above TWA.

Additional Information: Wash after use. Follow good industrial hygienic practices.

Substances with Exposure Limits	CAS#	OSHA TWA	ACIGH TWA
Tin	7440-31-5	2mg/M3	2mg/M3

Lead	7439-92-1	0.05mg/M3	0.05mg/M3
Antimony	7440-36-0	0.5mg/M3	0.5mg/M3

Only those ingredients listed in this section have been determined to be hazardous as defined in 29CFR 1910.1200.
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Section 9: Physical and Chemical Properties

State: solid	Melting Point: NE	Freezing Point: NE
Color: silver/gray	Boiling Point/Range: 3164 °F	pH: NE
Sp Grav: 7.8	Odor: odorless	Water Solubility: negligible
Evaporation rate: <1 (butyl acetate=1)	Flash Point: NE	Part. Coeff (n-octanol/water): NE
Upper Flam Limits: NE	Lower Flam Limits: NE	Vapor Pressure: NE
VOC Content (lbs/gal): NE	Viscosity: NE	Autoignition Temp: NE

Section 10: Stability and Reactivity

General: STABLE
 Hazardous Polymerization: WILL NOT OCCUR Conditions to avoid: none

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

Decomposition products: May release Toxic metal & oxide fumes. High concentrations of dust may present explosion hazard. Water trapped below molten may explode thus spattering molten metal.

Section 11: Toxicological Information

General Information: Health Hazards (acute and chronic): Contact with dust and fumes may cause skin, eye and respiratory irritation. Ingestion and/or inhalation of material or fumes may result in flu like symptoms, insomnia, muscle weakness, nausea and abdominal pain. gross inhalation or ingestion may be toxic and can result in death. Symptoms of toxicity may take hours or days to manifest. Chronic exposures, inhalation and ingestion, may result in kidney, red blood cell, reproductive and nervous system effects. Health effects may be cumulative over many exposures. Studies show that health risks vary by individual. Minimize exposure as a precaution. See OSHA 29CFR 1910.1025(subpart Z) for more information.

Toxicological Information (product): Product has not been tested. Solvent vapors may cause drowsiness or dizziness. Prolonged inhalation may be harmful to human health. Irritating in case of skin or eye contact. May be harmful if swallowed or in contact with skin.

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

Carcinogenicity or mutagenicity: not determined

Sensitization: not determined

Other Notes: NPT? no IARC Monographs? Lead-suspect

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: NE

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: Non-Hazardous

Comments: Non-Hazardous

Section 15: Regulatory Information

TSCA: see section 3

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

NFPA Classification (Health, Flammability, Reactivity): 2-0-0
(NFPA 325M,8th
edition)

Section 16: Other Information

SDS Author: ASSEMBLY TECHNOLOGIES INTERNATIONAL **Version Date:** 6/14/16

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NE = Not Established N/A = Not Applicable