

FTZ P/N 17999
Customer P/N 71432

SDS: Safety Data Sheet

Version 1.0
Revision Date: 04/01/2015

SECTION 1: Identification

CAS No	7440-31-5, 112-59-4, 7440-22-4, 65997-06-0, 144413-22-9, 7440- 50-8	Distributor	THE MAINTENANCE CONNECTION	
Name	Silver Solder Pa	Address	31 Washington Avenue	
Formula		City	Scarborough	
Uses	Soldering of electrical connections.	State	ME	
		Zip	04074	
		Country	USA	
		Phone Number	888-298-8585	EMERGENCY TELEPHONE: 1-800-535-5053

SECTION 2: Hazard(s) Identification



Signal Word	Danger		
Hazard Statements	H317	May cause an allergic skin reaction	
Hazard Statements	H319	Causes serious eye irritation	
Hazard Statements	H334	May cause allergy or asthma symptoms or breathing dif	
Precautionary Statements	P284		
Precautionary Statements	P305		
Precautionary Statements	P351		
Other Hazards not contributing to the classification	None		
Unknown Acute Toxicity	No data available		

SECTION 3: Composition/Information on Ingredients

Name	Product Identifier	%
Silver Solder Paste	7440-31-5, 112-59-4, 7	100%

SECTION 4: First-Aid Measures

First-aid measures after inhalation	If affected, move victim to fresh air and call physician. If breathing is difficult administer oxygen. If breathing has stopped give artificial respiration. Keep person warm and quiet.
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First-aid measures after ingestion	Aspiration hazard. If material is swallowed, do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
First-aid measures after skin contact	Immediately remove contaminated clothing. Do not attempt to remove any material bonded to the skin. Flush area of skin contact immediately with large amounts of water for at least 15 minutes. If irritation persists after flushing, get medical attention promptly. Launder contaminated clothing before reuse.
First-aid measures after eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation persists.

SECTION 5: Fire-Fighting Measures

Suitable extinguishing media	CO2, sand, extinguishing powder. Do not use water.
Fire hazard	Not available
Explosion Hazard	Not available
Firefighting instructions	In case of fire, the following can be released: Carbon monoxide (CO), Nitrogen oxides (Nox), Carbon dioxide (CO2)
Special protective equipment for fire fighters	Wear self-contained respiratory protective device.

SECTION 6: Accidental Release Measures

General measures	
For non-emergency personnel	
For emergency responders	
Environmental precautions	
Methods and material for containment and cleaning up	

SECTION 7: Handling and Storage

Storage conditions	Keep away from sources of ignition. Keep lid tightly closed except when removing product. Store at ambient temperatures of 41-77°F (5-25°C) to maximize shelf life of product. Do not reuse empty containers.
Precautions for safe handling	Avoid contact with eyes or skin. Use only with adequate ventilation.

SECTION 8: Exposure Controls/Personal Protection

Silver Solder Paste (7440-31-5, 112-59-4, 7440-22-4, 65997-06-0, 144413-22-)		
ACGIH	ACGIH TLV	0.1 mg/m ³

Other information	Wear clothing to prevent skin contact and protect from heat rays (IR radiation). Wash thoroughly after handling and before eating, drinking, or smoking. Wear chemical resistant gloves. When material is heated, wear thermal insulated gloves to protect against burns.
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Respiratory Protection	When exposure limits are exceeded or ventilation is inadequate, wear a NIOSH approved respirator.
Eye protection	Wear safety glasses with side shields as a minimum level of protection.
Appropriate engineering controls	The use of local ventilation is required to maintain the concentration of fumes evolved from the soldering/brazing process to well below to occupational exposure limits, within the operator's breathing zone and the general vicinity. Use of process enclosures, exhaust systems and other engineering and/or administrative controls should be designed in accordance with local conditions.

SECTION 9: Physical and Chemical Properties

Physical state	Paste
Color	Silver grey
Odor	Mild
pH	Not applicable
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Critical temperature	No data available
EN (English US) SDS ID	No data available
Auto-ignition temperature	Product is not self-igniting.
Flammability (solid, gas)	No data available
Solubility	Insoluble in water
Explosive properties	Product does not present an explosion hazard.
Additional information	

SECTION 10: Stability and Reactivity

Hazardous decomposition products	Fluorides, carbon monoxide, carbon dioxide, smoke, nitrogen oxides, sulfur oxides, metal oxide fumes, copper fume toxic zinc and zinc oxide fume, various hydrocarbons, particulate matter. When heated to decomposition temperatures 437°F (225°C) highly corrosive and toxic hydrofluoric acid fumes may be generated.
Reactivity	
Chemical stability	Stable under normal conditions of use.
Possibility of hazardous reactions	
Conditions to avoid	Avoid extreme heat. Avoid prolonged exposure to air and moisture

Incompatible materials

Reaction with strong reducing agents such as metal hydrides or alkali metals, will generate hydrogen gas, which could create an explosion hazard. Avoid contact with acids, alkalies, oxidizing agents, acetylene, ammonia, hydrogen peroxide, magnesium metals, halogens, chlorinated rubber, sulfur.

SECTION 11: Toxicological Information

Acute toxicity

Extremely hazardous in case of skin contact (corrosive, irritant), of eye contact (irritant), of ingestion, of inhalation. Hazardous in case of skin contact (permeator).

Skin corrosion/irritation

Skin contact can produce inflammation and blistering. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.

Serious eye damage/irritation

Eye contact can result in corneal damage or blindness. Inflammation of the eye is characterized by redness, watering, and itching.

Respiratory or skin sensitization

Inhalation of dust will produce irritation to gastro-intestinal or respiratory tract, characterized by burning, sneezing and coughing. Severe over-exposure can produce lung damage, choking, unconsciousness or death.

Germ cell mutagenicity

Not available.

Carcinogenicity

Not available (this product does not contain any ingredients that have been identified as carcinogens).

Reproductive toxicity

Not available

Specific target organ toxicity (single exposure)

The amount of tissue damage depends on length of contact.

Specific target organ toxicity (repeated exposure)

Repeated or prolonged exposure to the substance can produce target organs damage. Repeated exposure of the eyes to a low level of dust can produce eye irritation. Repeated skin exposure can produce local skin destruction, or dermatitis. Repeated inhalation of dust can produce varying degree of respiratory irritation or lung damage.

Aspiration hazard

SECTION 12: Ecological Information (non-mandatory)

PBT

Not applicable.

vPvB

Not applicable.

General

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system

Aquatic toxicity

No further relevant information available.

SECTION 13: Disposal Considerations (non-mandatory)

Waste disposal recommendations

Dispose of contents/container in accordance with local/regional/national/international regulations. Contact supplier for any special requirements.

SECTION 14: Transport Information (non-mandatory)

In accordance with DOT regulations

SECTION 15: Regulatory Information (non-mandatory)

US	TSCA (Toxic Substances Control Act) TSCA Inventory of Chemical Substances
Canada	Workplace Hazardous Materials Identification (WHMIS): This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulation (CPR) and the Safety Data Sheet (SDS) contains all of the information required by the CPR
WHMIS Classification	
EU	European Inventory of Existing Commercial Chemicals
China	Inventory of Existing Chemical Substances in China (IECSC)
Korea	Korea Existing Chemicals List (ECL)
Phillippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)
U.S. - California - Proposition 65 - Carcinogens List	None of the ingredients is listed.
U.S. - California - Proposition 65 - Developmental Toxicity	None of the ingredients is listed.
U.S. - California - Proposition 65 - Reproductive Toxicity - Female	None of the ingredients is listed.
U.S. - California - Proposition 65 - Reproductive Toxicity - Male	None of the ingredients is listed.

SECTION 16: Other Information

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