

+61 2 48721968



W.I.S. SALES

A UNIT OF OSVEARS PTY LTD ABN 49 003 772 676

10 GANTRY PLACE, BRAI:MAR NSW 2575. AUSTRALIA

TELEPHONE: (02) 4872 1967

FACSIMILE: (02) 4872 1968

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MATERIAL SAFETY DATA SHEET

EZI-WELD 602

1. IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Name: EZI-WELD 602
 Other Names:
 Use: A general purpose Silver Brazing Flux.
 Contact Details: W.I.S. Sales
 10 Gantry Place
 Braemar NSW 2575
 Tel 02 4872 1967 Fax 02 4872 1968
 After Hours tel 02 4868 1973
 Poisons Information Centre Tel 131 126

2. HAZARDS IDENTIFICATION

Please ensure that this MSDS is received by the appropriate person.

Statement of Hazardous Nature

This product is a mixture. Some of its ingredients make it Hazardous Substance according to criteria of Australian Safety and Compensation Council (ASCC). Classified as Dangerous Goods according to criteria of the Australian Dangerous Goods Code.

Corrosive
 Toxic

Risk Phrases	R25	Toxic if swallowed
	R34	Causes burns
	R60	May impair fertility
	R61	May cause harm to the unborn child.
Safety Phrases	S1/2	Keep locked up and out of reach of children
	S23	Do not breathe vapours
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
	S37	Wear suitable gloves
	S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible).
	S53	Avoid exposure -- obtain special instructions before use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion
Potassium BiFluoride	7789-29-9	30-60%
Boric Acid	10043-35-3	10-<30%
Ingredients determined not to be hazardous		to 100%

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- Ingestion:** Rinse mouth with water. Give plenty of water or milk to drink and induce vomiting. Seek immediate medical assistance or contact a Poison Information Centre.
- Eye:** Wash with copious quantities of water for at least 15 minutes. As a precaution seek medical advice.
- Skin:** Wash with plenty of water. Remove contaminated clothing and wash before reusing. If irritation occurs or you feel unwell or pain seek medical attention.
- Inhaled:** Remove victim from area of exposure. For all except minor effects, seek medical attention.

Medical Attention and Special Treatment

Treat symptomatically and as for fluorides/borates exposure. Contact Poisons Information Centre.

5. FIRE FIGHTING MEASURES**Extinguishing Media**

Product is a non flammable and a non combustible paste.
In case of fire use extinguishing media appropriate to surrounding fire.

Hazards from Combustion Products

Not combustible. However toxic emissions may result in a fire, notably fluorides (hydrogen and potassium).

Precautions for Fire Fighters and special protective equipment

Fire fighters to wear self-contained breathing apparatus (SCBA) and protective clothing if risk of exposure to products of decomposition.

Hazchem Code: 2X

6. ACCIDENTAL RELEASE MEASURES**Emergency Procedures**

Wear protective equipment as advised above. Avoid walking through spilled product as it can be slippery when spilt. Wash thoroughly after handling.

Methods and Materials for containment and clean up.

Contain and/or collect and seal in labelled non metallic drums/containers. Dispose of according to local, state and federal statutory authorities. Do not flush away into sewers or other waterways. Once main body of material cleaned up, wash area down with copious quantities of water.

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7. HANDLING AND STORAGE

Precautions for Safe Handling

Wash thoroughly after handling. Observe good personal hygiene and use good industrial practice.

Conditions for Safe Storage

Stow away from foodstuffs.

Store in cool, dry place and keep containers closed when not in use. Containers should be well labelled.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No value assigned by Australian Safety and Compensation Council (ASCC).

However; for Fluorides as F TWA: 2.5 mg/m³ (ASCC).

Biological Limit Values

No Data Available

Engineering Controls

When using, ensure ventilation is adequate so as to maintain air concentration below exposure standards. If using exhaust ventilation a local unit is preferable to a general unit.

Avoid breathing fumes given off during brazing operations.

When product is not being used, seal containers.

Personal Protective Equipment

Overalls, goggles, gloves and mask are recommended. Wash contaminated equipment before reusing. Always wash hands before smoking, eating, drinking or going to the toilet. Safety shower and eye bath should be available.

9. PHYSICAL AND CHEMICAL PROPERTIES

- | | |
|---------------------------|----------------------------|
| (a) Appearance: | White Paste |
| (b) Odour: | None |
| (c) pH | No Data Available |
| (d) Vapour Pressure: | N/A |
| (e) Vapour Density | N/A |
| (f) Boiling Point: | N/A |
| (g) Melting Point: | approx. 450 deg C |
| (h) Solubility: | Partially soluble in water |
| (i) Specific Gravity: | 1.5 |
| Bulk Density: | approx. 1.5 g/cc |
| (j) Flammable Information | Not Applicable |

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**MATERIAL SAFETY DATA SHEET
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Product is stable under normal conditions of use, storage and temperature.

Conditions to Avoid

No data available

Incompatible Materials

Store in plastic containers, avoid contact with metallic containers.

Hazardous Decomposition Products

Fluorides can be given off in a fire, particularly potassium fluoride and hydrogen fluoride.

Hazardous Reactions

No data available.

11. TOXICOLOGICAL INFORMATION

Since a mixture no specific data available. Considered that it maybe toxic if swallowed. Symptoms of Fluoride overexposure may include salivation, nausea, vomiting, abdominal pain, fever and laboured breathing. This is not considered relevant to normal industrial use but emphasises the need for care in handling and use. Work to TLV and use good occupational work practice.

Health effects:

Acute;

Ingestion: May be fatal if swallowed, may cause irritation

Eye: May cause irritation.

Skin: May cause irritation

Inhaled: May cause irritation of the respiratory tract. Symptoms may include sore throat, coughing, shortness of breath, headache and nausea.

Chronic; No data available

12. ECOLOGICAL INFORMATION**Ecotoxicity**

No data available for mixture

Persistence and Degradability

No data available for mixture

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No data available for mixture

13. DISPOSAL CONSIDERATIONS**Disposal Methods**

Dispose of in accordance with local, state and federal regulations.

Special Precautions for Landfill or Incineration

No data available for this mixture. Contact a specialist disposal company or the local waste regulator for advice. This should be done in accordance with "The Hazardous Waste Act".

14. TRANSPORT INFORMATION

UN Number: 2922
UN Proper Shipping Name: Corrosive Liquid Toxic, N.O.S. (contains Potassium Bi Fluoride)
Class: 8 Sub Class 6.1(b)
Packaging Group: II
Special Precautions for User: Corrosive, Toxic
Hazchem Code: 2X
EPG: 8C1
Poisons Schedule: S6

15. REGULATORY INFORMATION

Poison Schedule: S6
Hazard Category: Corrosive, Toxic

16. OTHER INFORMATION

Last Revision: May 2009

Please ensure that this MSDS is received by the appropriate person.

EMERGENCY CONTACT

National Poisons Centres

131 126

W.I.S. SALES after hours number 02 4868 1973

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NOTE: While we believe all information presented herein is accurate and reliable, the data is not to be taken as a guarantee or representation of any kind for which W.I.S. Sales assumes legal responsibility. They are offered solely for your consideration, investigation and verification. The customer accepts all risk and responsibility for use of the goods alone or in combination with other products. W.I.S. Sales disclaims any liability for loss, injury or damage incurred in connection with the use of this material or its associated Material Safety Data Sheet. All warranties, guarantees and conditions, other than those expressly stated, and whether implied by statute, common law, custom of the trade or otherwise, are to the extent that the law permits, expressly excluded.

END OF MATERIAL SAFETY DATA SHEET

Msds 602.0514