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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
Lot 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

Statement of Hazardous Nature

This product is a mixture. Some of its ingredients make it Hazardous according to criteria of Worksafe Australia. Classified as Dangerous Goods according to criteria of the Australian Dangerous Goods Code.

Corrosive
Toxic

Risk Phrases
R25 Toxic if swallowed
R34 Causes burns

Safety Phrases
S1/2 Keep locked up and out of reach of children
S23 Do not breath 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).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Entity	CAS Number	Proportion
Potassium BiFluoride	7789-29-9	30-60%

Balance Borates and other non dangerous/Hazardous classified additives.



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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 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.

Precautions for Fire Fighters and special protective equipment

Fire fighters to wear self-contained breathing apparatus 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 spilt product.

Methods and Materials for containment and clean up.

Contain and/or collect and seal in labelled non metallic drums. 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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Wash thoroughly after handling.

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 National Occupational Health & Safety Commission/Worksafe Australia.
However, for Fluorides as F TWA: 2.5 mg/m³ (NOHSC).

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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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.

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

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 March 2006

EMERGENCY CONTACT

National Poisons Centres

131 126

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



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MsdS 602.0509

END OF MATERIAL SAFETY DATA SHEET