

4 St James Place
PO Box 724
Seven Hills NSW 2147
Tel: (02) 9624-8988
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Fumes arising during welding operations may be irritating to the upper-respiratory tract and may be harmful if inhaled. Principal route of exposure is inhalation of welding fumes from electrodes and workpiece. Reaction is relative to welding conditions, volatilities of metal oxides and any coatings on the workpiece .

FIRST AID

IF SWALLOWED do NOT induce vomiting. Give a glass of water.

EYE: Immediately hold eyes open and wash continuously with running water for at least 15 minutes.
Ensure irrigation under eyelids.
Seek medical attention without delay.

SKIN: If product comes in contact with the skin:
Wash affected areas thoroughly with soap and water

INHALATION: Remove to fresh air AND Lay patient down. Keep warm and rested.
If breathing is shallow or has stopped, ensure clear airway and apply resuscitation.

MATERIAL SAFETY DATA SHEET

ISSUED: 1/11/2011

PROCUS 999

STATEMENT OF HAZARDOUS NATURE: 'Hazardous according to criteria of Worksafe Australia'

SECTION 1 IDENTIFICATION

| | |
|---------------------|------|
| UN No. | None |
| POISON SCHEDULE No. | None |
| HAZCHEM | None |
| DANGEROUS G. CLASS | None |
| PACKAGING GROUP | None |

SECTION 2 COMPOSITION

| <u>INGREDIENT(S)</u> | <u>CAS NO</u> | <u>PROPORTION</u> |
|------------------------------|---------------|-------------------|
| core wire of nickel | 7440-02-0 | >60 |
| flux covering, consisting of | | |
| barium oxide | 1304-28-5 | 10-30 |
| silica - amorphous | | |
| diatomaceous earth | 61790-53-2 | <10 |
| calcium fluoride | 7789-75-5 | <5 |
| ferric oxide | 1309-37-1 | <5 |
| calcium oxide | 1305-78-8 | <10 |
| titanium dioxide | 13463-67-7<2 | |
| sodium metasilicate | 1344-09-8 | <2 |
| cellulose | 9004-34-6 | <1 |
| iron, powder | 7439-89-6 | <1 |

SECTION 3 PHYSICAL DATA

% % % %

APPEARANCE

Consumable electrode for special arc welding operations.
An all-positional electrode for the low temperature AC-DC arc welding of cast iron.

| | |
|---------------------------|----------------|
| Flash Point (C) | Not applicable |
| Solubility in Water | Immiscible |
| Lower Explosive Limit (%) | Not applicable |
| Upper Explosive Limit (%) | Not applicable |

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Non Combustible.

SECTION 5 HEALTH HAZARD DATA

SECTION 6 PRECAUTIONS FOR USE

Use Welding helmet with suitable filter or Welding hand shield with suitable filter, or Welding goggles with suitable filter .
Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Welding Gloves
Safety footwear.

Overalls

Eyewash unit.

Aprons, sleeves, shoulder covers, leggings or spats of pliable flame resistant leather depending on working conditions.

SECTION 7 SAFE HANDLING INFORMATION

STORAGE and TRANSPORT: Store in a cool dry atmosphere.

SPILLS and DISPOSAL: Scrap should be recycled

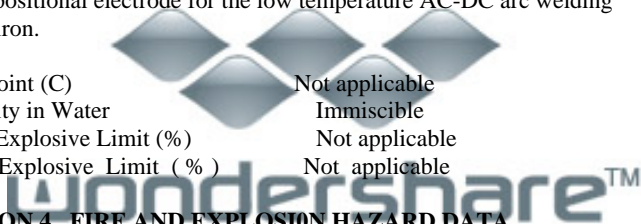
TRANSPORTATION: No restrictions.

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PROCUS AUSTRALIA PTY LTD
Inc in NSW ACN 059 089 119

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MATERIAL SAFETY DATA SHEET

ISSUED: 31st March 2000

PRIME CUT ULTRATHERMIC CUTTING RODS

STATEMENT OF HAZARDOUS NATURE:

'Classified as hazardous according to criteria of Worksafe Australia'

SECTION 3 PHYSICAL DATA

APPEARANCE

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An all-positional electrode for the low temperature AC-DC arc welding of cast iron.

| | |
|--------------------------------|---------------------------------|
| Boiling Point: | Not applicable |
| Vapour Pressure: | Not applicable |
| Vapour Density: | Not applicable |
| Solubility in water: | Insoluble |
| Appearance & Odour: | Copper coated steel tube filled |
| Specific Gravity: | Not applicable |
| Melting Point: | Not applicable |
| Evaporation Rate: | Not applicable |

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

| | |
|---|---|
| Flammability: | Yes |
| Flammability Conditions: | Will burn when used as a fuel |
| Means of Extinction: | Release pull on the oxygen valve lever on the Prime Cut torch to shut off the oxygen supply. Rod will immediately extinguish. |
| Special Fire Fighting Procedures | Not applicable |
| Unusual Fire and Explosion Hazards | Not applicable |
| Flashpoint: | Not applicable |
| Explosion limits: | Not applicable |
| Auto-ignition Temperature: | Not applicable |
| Hazardous Combustion Products: | See Reactivity Data |
| Sensitivity to Mechanical Impact: | Not applicable |
| Sensitivity to Static Discharge: | Not applicable |

REACTIVITY DATA

| | |
|--|--|
| Stability: | Stable material |
| Conditions to avoid: | None |
| Materials to avoid : | Combustibles (only when rod is lit) |
| Hazardous decomposition/byproducts: | Fumes generated during cutting may contain a variety of hazardous components |

TOXICOLOGICAL PROPERTIES

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