

4 St James Place  
PO Box 724  
Seven Hills NSW 2147  
Tel: (02) 9624-8988  
Fax: (02) 9624-1908

## MATERIAL SAFETY DATA SHEET

ISSUED: 1/11/2011

# PROCUS 980

### 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 55/45 nickel/iron alloy		>60
flux covering, consisting of silica - amorphous diatomaceous earth	61790-53-2	10-30
calcium oxide	1305-78-8	10-30
barium oxide	1304-28-5	10-30
graphite	7782-42-5	<10
iron, powder	7439-89-6	<10
calcium fluoride	7789-75-5	<4
sodium metasilicate	1344-09-8	<3
magnesium oxide	1309-48-4	<1

### SECTION 3 PHYSICAL DATA

#### APPEARANCE

Metallic welding rod consisting of a powder flux extruded  
around a nickel alloy wire.

No residual odour. Totally insoluble in water.

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

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### SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Non Combustible.

### SECTION 5 HEALTH HAZARD DATA

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.

### 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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