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## MATERIAL SAFETY DATA SHEET

ISSUED: 1/11/2011

# PROCUS 610

### 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 stainless steel	None	>60
flux covering; consisting of calcium oxide	1305-78-8	10-30
iron, powder	7439-89-6	<10
manganese	7439-96-5	<10
calcium fluoride	7789-75-5	<4
titanium dioxide	13463-67-7	<3
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 stainless steel wire.

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

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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