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MATERIAL SAFETY DATA SHEET

ISSUED: 1/11/2011

PROCUS 681

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

SECTION 1 IDENTIFICATION

UN Number	None
Dangerous Goods Class	None
Packaging Group	None
Poisons Schedule	None

SECTION 2 COMPOSITION

<u>Ingredients</u>	<u>CAS No.</u>	<u>Proportion %</u>
core wire of iron flux covering, consisting of silica - amorphous diatomaceous earth	7439-89-6	>60
calcium oxide	61790-53-2	10-30
iron, powder	1305-78-8	10-30
manganese	7439-89-6	<10
calcium fluoride	7439-96-5	<10
titanium dioxide	7789-75-5	<4
sodium metasilicate	13463-67-7	<3
magnesium oxide	1344-09-8	<3
	1309-48-4	<1

SECTION 3 PHYSICAL DATA

Appearance: Metallic welding electrode consisting of a powder flux extruded around a mild steel wire.

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

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Non Combustible.


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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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