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MATERIAL SAFETY DATA SHEET

ISSUED: 1/11/2011

PROCUS 607

STATEMENT OF HAZARDOUS NATURE:

Classified as hazardous according to criteria of Worksafe Australia

SECTION 1 IDENTIFICATION

U.N. Number	None
Dangerous Goods Class	None
Poisons Schedule Number	None
Hazchem Code	None

SECTION 2 PHYSICAL DESCRIPTION/PROPERTIES

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

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

OTHER PROPERTIES

<u>Ingredients</u>	<u>CAS No:</u>	<u>Proportion</u>
Iron	7439-89-6	<60
Chromium	7440-47-3	<30
Nickel	7440-02-0	<10

flux covering, consisting of		
iron, powder	7439-89-6	<4
Chromium	7440-47-7	<10
Nickel	7440-02-0	<1

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 .
Nickel and Chromium must be considered carcinogens under OSHA (29CFR1910.1200. IARC has indicated Nickel, Chromium and certain of their compounds are probably carcinogenic for humans, but the compounds cannot be specified precisely. These conclusions were drawn from operations different from welding. There is little information on the effects on welders of fumes containing nickel.

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 4 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 5 SAFE HANDLING INFORMATION

STORAGE and TRANSPORT: Store in a cool dry atmosphere.
SPILLS and DISPOSAL: Scrap should be recycled
TRANSPORTATION: No restrictions.
FIRE AND EXPLOSION HAZARD DATA: Non combustible.



SECTION 3 HEALTH HAZARD DATA