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MATERIAL SAFETY DATA SHEET

ISSUED: 1/11/2011

PROCUS 247

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 PHYSICAL DESCRIPTION/PROPERTIES

APPEARANCE

Covered Arc Welding Electrode

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

OTHER PROPERTIES

INGREDIENT(S) CAS NO PROPORTION

Iron	7439-89-6	>50
Chromium	7440-47-3	<35
Manganese	7439-96-5	<2
Silicon	7440-21-3	<2
Nickel	7440-02-0	<5
Molybdenum	7439-08-7	<2

flux covering, consisting of
inert earths as

Titanium Dioxide	13463-67.7	5-15
calcium carbonate	1317-65-3	<10
Fluorspar	7789-75-5	<5
silicate binders		<5

% % % %



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SECTION 3 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 .

Nickel must be considered carcinogens under OSHA (29CFR1910.1200. IARC has indicated Nickel 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 wrth 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 dear airway and apply resusatation.

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.

CONTACT POINT

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