

Material Safety Data Sheet
17-4 PH

Distributor's Name:
World Class Technology Corp.

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Information Telephone Number:
503-472-8320

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients

	Conc.	CAS	EINECS	Symbols/Risk phrases
Iron (Ferrous foundry particulate respirable dust)	70 - 80%	7439-89-6	231-096-4	
Chromium	10 - 20%	7440-47-3	231-157-5	
Copper (Copper fume)	1 - 10%	7440-50-8	231-159-6	

3. HAZARDS IDENTIFICATION

Main hazards NSH - No Significant Hazard

4. FIRST AID MEASURES

Skin contact	Wash with soap and water.
Eye contact	Rinse immediately with plenty of water for 15 minutes holding the eyelids open. Seek medical attention if irritation or symptoms persist.
Inhalation	Inhalation may cause coughing, tightness of the chest and irritation of the respiratory system. Seek medical attention if irritation or symptoms persist.
Ingestion	Rinse mouth thoroughly.
General information	Not applicable.

5. FIRE FIGHTING MEASURES

Extinguishing media	Dry chemical Do NOT use water jet.
Fire hazards	Avoid formation of dust.
Protective equipment	Wear suitable respiratory equipment when necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions	Avoid raising dust. Evacuate personnel to a safe area. Wear suitable protective equipment.
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Revision 1

Revision Date 29/01/2008

Environmental precautions	Do not allow product to enter drains. Do not flush into surface water. Do not let product contaminate subsoil. Prevent further spillage if safe.
Clean up methods	Avoid raising dust. Clean the area using a vaccum cleaner. Transfer to suitable, labelled containers for disposal.

7. HANDLING AND STORAGE

Handling	Avoid formation of dust. Avoid contact with eyes and skin. Do not breathe dust or vapour. Wear suitable protective equipment.
Storage	Store in a cool, dry area. Store in correctly labelled containers.
Suitable packaging	Mild steel containers Plastic containers

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ferrous foundry particulate respirable dust	wel 8 hr limit ppm: -	wel 8 hr limit mg/m3: 4
	wel 15 min limit ppm: -	wel 15 min limit mg/m3: -
Ferrous foundry particulate inhalable dust	wel 8 hr limit ppm: -	wel 8 hr limit mg/m3: 10
	wel 15 min limit ppm: -	wel 15 min limit mg/m3: -
Chromium	wel 8 hr limit ppm: -	wel 8 hr limit mg/m3: 0,5
	wel 15 min limit ppm: -	wel 15 min limit mg/m3: -
Copper fume	wel 8 hr limit ppm: -	wel 8 hr limit mg/m3: 0.2
	wel 15 min limit ppm: -	wel 15 min limit mg/m3: -

Engineering measures	Ensure adequate ventilation of the working area.
Respiratory protection	Suitable half mask respirator with filter P3 (EN 143)
Hand protection	Nitrile rubber gloves.
Eye protection	Provide eye wash station Approved safety goggles
Protective equipment	Apply a barrier cream before handling the product. Adopt best Manual Handling considerations when handling, carrying and dispensing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Description	Powder
Colour	Grey
Odour	Odourless
Water solubility	Insoluble in water

10. STABILITY AND REACTIVITY

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Stability	Stable under normal conditions
Conditions to avoid	Heat, sparks and open flames. Strong acids and strong bases

11. TOXICOLOGICAL INFORMATION

Repeated or prolonged exposure	Avoid prolonged or repeated exposure. May cause allergic reactions in susceptible people May cause dermatitis Repeated or prolonged exposure may cause asthma and eczema.
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12. ECOLOGICAL INFORMATION

Further information	No data is available on this product.
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13. DISPOSAL CONSIDERATIONS

General information	Dispose of in compliance with all local and national regulations. Do not empty into drains.
Disposal methods	For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.
Disposal of packaging	After final product withdrawal, all residues must be removed from containers (drip-free, powder-free or paste-free). Empty containers can be sent for disposal or recycling.

14. TRANSPORT INFORMATION

Further information	The product is not classified as dangerous for carriage.
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15. REGULATORY INFORMATION

Symbols	NSH - No Significant Hazard
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16. OTHER INFORMATION

Further information

Revision	This document differs from the previous version in the following areas: <ul style="list-style-type: none"> - Hazardous ingredients - Description - Colour - Odour - Water solubility
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The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.