

WHEATLAND TUBE CO -- CBW PIPE-CARBON STEEL A53 -- 4710-00-314-6909

=====  
Product Identification  
=====

Product ID:CBW PIPE-CARBON STEEL A53

MSDS Date:06/05/1990

FSC:4710

NIIN:00-314-6909

MSDS Number: BNZRV

=== Responsible Party ===

Company Name:WHEATLAND TUBE CO

Address:COUNCIL AVE

City:WHEATLAND

State:PA

ZIP:16161

Country:US

Info Phone Num:(412) 342-6851

Emergency Phone Num:(412) 342-6851

Preparer

's Name:J. A. GRUBER

CAGE:6B696

=== Contractor Identification ===

Company Name:WHEATLAND TUBE CO

Address:COUNCIL AVE

Box:City:WHEATLAND

State:PA

ZIP:16161

Country:US

Phone:(412) 342-6851

CAGE:6B696

=====  
Composition/Information on Ingredients  
=====

Ingred Name:RED IRON OXIDE/IRON (III) OXIDE/FERRIC OXIDE/YELLOW FERRIC  
OXIDE/METAL OXIDE/YELLOW IRON OXIDE/IRON OXIDE PIGMENT/IRON

CAS:1309-37-1

RTECS #:NO7400000

Fraction by Wt: 98-99%

OSHA PEL:10 MG/M3 (FE)

ACGIH TLV:5 MG/M3(

FE),B2; 9293

Ingred Name:CARBON, GRAPHITE  
CAS:7440-44-0  
RTECS #:FF5250100  
Fraction by Wt: .06-.23%  
OSHA PEL:15 MG/M3 TDUST  
ACGIH TLV:2 MG/M3 TDUST; 9293

Ingred Name:MANGANESE, MN COMPOUNDS  
CAS:7439-96-5  
RTECS #:OO9275000  
Fraction by Wt: .3-1.15%  
OSHA PEL:(C) 5 MG/M3 DUST  
ACGIH TLV:5 MG/M3 DUST 9293

Ingred Name:PHOSPHORUS (YELLOW & WHITE)  
CAS:7723-14-0  
RTECS #:TH3500000  
Fraction by Wt: .01-.04%  
Other REC Limits:100 UG/CUM  
OSHA PEL:0.1 MG/CUM  
ACGIH TLV:0.1 MG/CUM  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1  
LB

Ingred Name:SULFUR DIOXIDE  
CAS:7446-09-5  
RTECS #:WS4550000  
Fraction by Wt: .04-.05%  
Other REC Limits:2 PPM  
OSHA PEL:5 PPM/5 STEL  
ACGIH TLV:2 PPM/5 STEL; 9293

Ingred Name:ZINC OXIDE  
CAS:1314-13-2  
RTECS #:ZH4810000  
Fraction by Wt: .07-6.0%  
OSHA PEL:15MG/M3 TDUST/5 FUME  
ACGIH TLV:10MG/M3 TDUST; 9293

=====  
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acu

te and Chronic:INHALATION: BENIGN PNEUMOCONIOSIS (SIDEROSIS)/ENHANCEMENT OF THE RISK OF LUNG CANCER/INFLUENZA-LIKE ILLNESS TERMED METAL FUME FEVER CHARACTERIZED BY METALLIC TASTE IN MOUTH/DRYNESS/IRRITATION OF THROA T FOLLOWED BY WEAKNESS/MUSCLE PAIN/FEVER/CHILLS.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: BENIGN PNEUMOCONIOSIS (SIDEROSIS), ENHANCEMENT OF THE RISK OF LUNG CANCER, INFLUENZA-LIKE ILLNESS TERMED METAL FUME FEVER CHARACTERIZED BY METALLIC TASTE IN THE MOUTH, DRYNESS, IRRITATION OF THROAT FOLLOWED BY WEAKNESS, MUSCLE PAIN, FEVER & CHILLS.

Medical Cond Aggravated by Exposure:CHRONIC RESPIRATORY DISORDERS (ASTHMA/CHRONIC BRONCHITIS/EMPHYSEMA)

===== First Aid Measures =====

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT OR HAS STOPPED, ADMINISTER ARTIFICIAL RESPIRATION OR OXYGEN AS INDICATED. TREAT METAL FUME FEVER BY BED REST, & ADMINISTER A PAIN & FEVER REDUCING MEDICATION. OBTAIN MEDICAL ATTENTION IN ALL CASES.

===== Fire Fighting Measures =====

Unusual Fire/Explosion Hazard:STEEL PRODUCTS IN THE SOLID STATE PRESENT NO FIRE OR EXPLOSION HAZARD.

===== Accidental Release Measures =====

Spill Release Procedures:NOT APPLICABLE TO STEEL IN THE SOLID STATE.

===== Handling and Storage =====

Handling and Storage Precautions:OPERATIONS W/POTENTIAL FOR GENERATING HIGH CONCENTRATIONS OF AIRBORNE PARTICULATES SHOULD BE EVALUATED & CONTROLLED AS NECESSARY.

Other Precautions:AVOID INHALATION OF METAL FUMES & DUSTS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NIOSH/MSHA APPROVED DUST & FUME RESPIRATORS SHOULD BE USED TO AVOID EXCESSIVE INHALATION OF PARTICULATES. APPROPRIATE RESPIRATOR SELECTION DEPENDS ON THE MAGNITUDE OF EXPOSURE.

Ventilation:LOCAL EXHA

UST: WHEN WELDING, BURNING, SAWING, BRAZING,  
GRINDING, OR MACHINING

Protective Gloves:RECOMMENDED

Eye Protection:SAFETY GLASSES OR GOGGLES

Other Protective Equipment:PROTECTIVE EQUIPMENT OR CLOTHING

Supplemental Safety and Health

MELTING POINT: 2750F (BASE METAL), 800-900F (METALLIC COATING).

===== Physical/Chemical Properties =====

Melt/Freeze Pt:M.P/F.P Text:SEE SUPP

Appearance and Odor:METALLIC GRAY W/NO ODOR.

===== Stability and Reactivity Data

=====

Stability Indicator/Materials to Avoid:YES

STRONG ACID

Hazardous Decomposition Products:HYDROGEN & ZINC FUMES

===== Disposal Considerations =====

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, &  
FEDERAL REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,

r,

expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume responsibility for the suitability of this information to their  
particular situation.