

DOD Hazardous Materials Information System
DoD 6050.5-L
AS OF July 1998

FSC: 5975
NIIN: 007522936
Manufacturer's CAGE: 6B696
Part No. Indicator: A
Part Number/Trade Name: CBW PIPE-CARBON STEEL UL6

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General Information

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Item Name: CONDUIT, METAL, RIGID
Company's Name: WHEATLAND TUBE CO
Company's Street: COUNCIL AVE
Company's P. O. Box: N/K
Company's City: WHEATLAND
Company's State: PA
Company's Country: US
Company's Zip Code: 16161
Company's Emerg Ph #: (412) 342-6851
Company's Info Ph #: (412) 342-6851
Distributor/Vendor # 1:
Distributor/Vendor # 1 Cage:
Distributor/Vendor # 2:
Distributor/Vendor # 2 Cage:
Distributor/Vendor # 3:
Distributor/Vendor # 3 Cage:
Distributor/Vendor # 4:
Distributor/Vendor # 4 Cage:
Safety Data Action Code:
Safety Focal Point: F
Record No. For Safety Entry: 001
Tot Safety Entries This Stk#: 001
Status: SE
Date MSDS Prepared: 05JUN90
Safety Data Review Date: 22SEP92
Supply Item Manager:
MSDS Preparer's Name: J. A. GRUBER
Preparer's Company: WHEATLAND TUBE CO
Preparer's St Or P. O. Box: COUNCIL AVE
Preparer's City: WHEATLAND
Preparer's State: PA
Preparer's Zip Code: 16161
Other MSDS Number:
MSDS Serial Number: BNZRY
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

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NRC/State License Number:
Net Explosive Weight:
Net Propellant Weight-Ammo:
Coast Guard Ammunition Code:

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Ingredients/Identity Information

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Proprietary: NO
Ingredient: RED IRON OXIDE/IRON (III) OXIDE/FERRIC OXIDE/YELLOW FERRIC
OXIDE/METAL OXIDE/YELLOW IRON OXIDE/IRON OXIDE PIGMENT/IRON
Ingredient Sequence Number: 01
Percent: 98-99%
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: NO7400000
CAS Number: 1309-37-1
OSHA PEL: 10 MG/M3 (FE)
ACGIH TLV: 5 MG/M3 (FE), B2; 9293
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: CARBON, GRAPHITE
Ingredient Sequence Number: 02
Percent: .06-.23
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: FF5250100
CAS Number: 7440-44-0
OSHA PEL: 15 MG/M3 TDUST
ACGIH TLV: 2 MG/M3 TDUST; 9293
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: MANGANESE, MN COMPOUNDS
Ingredient Sequence Number: 03
Percent: .3-1.15
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: OO9275000
CAS Number: 7439-96-5
OSHA PEL: (C) 5 MG/M3 DUST
ACGIH TLV: 5 MG/M3 DUST 9293
Other Recommended Limit: N/K

Proprietary: NO
Ingredient: PHOSPHORUS (YELLOW & WHITE)
Ingredient Sequence Number: 04
Percent: .01-.04
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: TH3500000
CAS Number: 7723-14-0
OSHA PEL: 0.1 MG/CUM

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ACGIH TLV: 0.1 MG/CUM
Other Recommended Limit: 100 UG/CUM

Proprietary: NO
Ingredient: SULFUR DIOXIDE
Ingredient Sequence Number: 05
Percent: .04-.05
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: WS4550000
CAS Number: 7446-09-5

OSHA PEL: 5 PPM/5 STEL
ACGIH TLV: 2 PPM/5 STEL; 9293
Other Recommended Limit: 2 PPM

Proprietary: NO
Ingredient: ZINC OXIDE
Ingredient Sequence Number: 06
Percent: .07-6.0
Ingredient Action Code:
Ingredient Focal Point: F
NIOSH (RTECS) Number: ZH4810000
CAS Number: 1314-13-2
OSHA PEL: 15MG/M3 TDUST/5 FUME
ACGIH TLV: 10MG/M3 TDUST; 9293
Other Recommended Limit: N/K
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Physical/Chemical Characteristics

Appearance And Odor: METALLIC GRAY W/NO ODOR.
Boiling Point: N/K
Melting Point: SEE SUPP
Vapor Pressure (MM Hg/70 F): N/K
Vapor Density (Air=1): N/K
Specific Gravity: N/K
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/K
Solubility In Water: N/K
Percent Volatiles By Volume: N/K
Viscosity:
pH: N/K
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): N/K
Autoignition Temperature:
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Fire and Explosion Hazard Data

Flash Point: N/K
Flash Point Method: N/P
Lower Explosive Limit: N/K
Upper Explosive Limit: N/K

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Extinguishing Media: N/K
Special Fire Fighting Proc: N/K
Unusual Fire And Expl Hazrds: STEEL PRODUCTS IN THE SOLID STATE PRESENT NO
FIRE OR EXPLOSION HAZARD.
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Reactivity Data

Stability: YES
Cond To Avoid (Stability): N/K
Materials To Avoid: STRONG ACID
Hazardous Decomp Products: HYDROGEN & ZINC FUMES
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): N/K
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Health Hazard Data

LD50-LC50 Mixture: N/K
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: NO
Route Of Entry - Ingestion: NO
Health Haz Acute 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 THROAT FOLLOWED BY WEAKNESS/MUSCLE PAIN/FEVER/CHILLS.
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: NO
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: NONE
Signs/Symptoms Of Overexp: 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.
Med Cond Aggravated By Exp: CHRONIC RESPIRATORY DISORDERS (ASTHMA/ CHRONIC BRONCHITIS/EMPHYSEMA)
Emergency/First Aid Proc: 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.

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Precautions for Safe Handling and Use

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Steps If Matl Released/Spill: NOT APPLICABLE TO STEEL IN THE SOLID STATE.
Neutralizing Agent: N/K
Waste Disposal Method: DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.
Precautions-Handling/Storing: OPERATIONS W/POTENTIAL FOR GENERATING HIGH CONCENTRATIONS OF AIRBORNE PARTICULATES SHOULD BE EVALUATED & CONTROLLED AS NECESSARY.
Other Precautions: AVOID INHALATION OF METAL FUMES & DUSTS.

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Control Measures

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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 EXHAUST: WHEN WELDING, BURNING, SAWING, BRAZING, GRINDING, OR MACHINING
Protective Gloves: RECOMMENDED
Eye Protection: SAFETY GLASSES OR GOGGLES
Other Protective Equipment: PROTECTIVE EQUIPMENT OR CLOTHING
Work Hygienic Practices: N/K
Suppl. Safety & Health Data: MELTING POINT: 2750F (BASE METAL), 800-900F (METALLIC COATING).

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Transportation Data

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Transportation Action Code:
Transportation Focal Point:
Trans Data Review Date:
DOT PSN Code:
DOT Symbol:
DOT Proper Shipping Name:
DOT Class:
DOT ID Number:

DOT Pack Group:
 DOT Label:
 DOT/DoD Exemption Number:
 IMO PSN Code:
 IMO Proper Shipping Name:
 IMO Regulations Page Number:
 IMO UN Number:
 IMO UN Class:
 IMO Subsidiary Risk Label:
 IATA PSN Code:
 IATA UN ID Number:
 IATA Proper Shipping Name:
 IATA UN Class:
 IATA Subsidiary Risk Class:
 IATA Label:
 AFI PSN Code:
 AFI Symbols:
 AFI Prop. Shipping Name:
 AFI Class:
 AFI ID Number:
 AFI Pack Group:
 AFI Label:
 AFI Special Prov:
 AFI Basic Pac Ref:
 MMAC Code:
 N.O.S. Shipping Name:
 Additional Trans Data:

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Disposal Data

Disposal Data Action Code:
 Disposal Data Focal Point:
 Disposal Data Review Date:
 Rec # For This Disp Entry:
 Tot Disp Entries Per NSN:
 Landfill Ban Item:
 Disposal Supplemental Data:
 1st EPA Haz Wst Code New:
 1st EPA Haz Wst Name New:
 1st EPA Haz Wst Char New:
 1st EPA Acute Hazard New:
 2nd EPA Haz Wst Code New:
 2nd EPA Haz Wst Name New:
 2nd EPA Haz Wst Char New:
 2nd EPA Acute Hazard New:
 3rd EPA Haz Wst Code New:
 3rd EPA Haz Wst Name New:
 3rd EPA Haz Wst Char New:
 3rd EPA Acute Hazard New:

Label Data

Label Required: NO
 Technical Review Date: 22SEP92
 Label Date: 10AUG92
 MFR Label Number: N/R
 Label Status: N
 Common Name:

Chronic Hazard: N/P

Signal Word:

Acute Health Hazard-None:

Acute Health Hazard-Slight:

Acute Health Hazard-Moderate:

Acute Health Hazard-Severe:

Contact Hazard-None:

Contact Hazard-Slight:

Contact Hazard-Moderate:

Contact Hazard-Severe:

Fire Hazard-None:

Fire Hazard-Slight:

Fire Hazard-Moderate:

Fire Hazard-Severe:

Reactivity Hazard-None:

Reactivity Hazard-Slight:

Reactivity Hazard-Moderate:

Reactivity Hazard-Severe:

Special Hazard Precautions: CARCINOGEN: DIATOMACEOUS EARTH IS A SUSPECTED HUMAN CARCINOGEN.

Protect Eye:

Protect Skin:

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Protect Respiratory:

Label Name: WHEATLAND TUBE CO

Label Street: COUNCIL AVE

Label P.O. Box: N/K

Label City: WHEATLAND

Label State: PA

Label Zip Code: 16161

Label Country: US

Label Emergency Number: (412) 342-6851

Year Procured: