

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

FSC: 7510
NIIN: 00F023907
Manufacturer's CAGE: 85713
Part No. Indicator: A
Part Number/Trade Name: IRONOXIDE

=====

General Information

=====

Item Name:
Company's Name: MINERAL PIGMENTS CORP
Company's Street: 7011 MUIRKIRK RD
Company's P. O. Box: N/K
Company's City: BELTSVILLE
Company's State: MD
Company's Country: US
Company's Zip Code: 20707
Company's Emerg Ph #: (301) 776-1100
Company's Info Ph #: (301) 776-1100
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: 04MAR88
Safety Data Review Date: 30JUN92
Supply Item Manager:
MSDS Preparer's Name:
Preparer's Company: MINERAL PIGMENTS CORP
Preparer's St Or P. O. Box: 7011 MUIRKIRK RD
Preparer's City: BELTSVILLE
Preparer's State: MD
Preparer's Zip Code: 20707
Other MSDS Number:
MSDS Serial Number: BNJSR
Specification Number:
Spec Type, Grade, Class:
Hazard Characteristic Code:
Unit Of Issue:
Unit Of Issue Container Qty:
Type Of Container:
Net Unit Weight:

Report for NIIN: 00F023907

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

=====

Ingredients/Identity Information

```

=====
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: 100%
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
=====

```

Physical/Chemical Characteristics

```

=====
Appearance And Odor: RED SOLID-POWDER, ODORLESS
Boiling Point: N/R
Melting Point: >1832F
Vapor Pressure (MM Hg/70 F): N/R
Vapor Density (Air=1): N/K
Specific Gravity: 4.8-5
Decomposition Temperature: N/K
Evaporation Rate And Ref: N/K
Solubility In Water: INSOLUBLE
Percent Volatiles By Volume: N/R
Viscosity:
pH: 4-8
Radioactivity:
Form (Radioactive Matl):
Magnetism (Milligauss):
Corrosion Rate (IPY): N/K
Autoignition Temperature:
=====

```

Fire and Explosion Hazard Data

```

=====
Flash Point: N/R
Flash Point Method: N/P
Lower Explosive Limit: N/R
Upper Explosive Limit: N/R
Extinguishing Media: USE EXTINGUISHING AGENTS SUITABLE TO SURROUNDING
FIRE.
Special Fire Fighting Proc: WEAR SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire And Expl Hazrds: IRRITATING/TOXIC AEROSOLS OR GASES MAY BE
PRESENT.

```

Report for NIIN: 00F023907

Reactivity Data

```

=====
Stability: YES
Cond To Avoid (Stability): N/K
Materials To Avoid: N/K
Hazardous Decomp Products: N/K
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): N/K
=====

```

Health Hazard Data

```

=====
LD50-LC50 Mixture: ORAL LD50 (RAT): >10 G/KG

```

Route Of Entry - Inhalation: YES
 Route Of Entry - Skin: YES
 Route Of Entry - Ingestion: NO
 Health Haz Acute And Chronic: EYES: REDUCE VISIBILITY. INHALATION: UNPLEASANT DEPOSITS IN EYES, EARS, & NOSE, SIDEROSIS. SKIN: INJURY OR MUCOUS MEMBRANES CAN OCCUR.
 Carcinogenicity - NTP: NO
 Carcinogenicity - IARC: NO
 Carcinogenicity - OSHA: NO
 Explanation Carcinogenicity: NONE
 Signs/Symptoms Of Overexp: EYES: REDUCE VISIBILITY. INHALATION: UNPLEASANT DEPOSITS IN EYES, EARS, & NOSE, SIDEROSIS. SKIN: INJURY & MUCOUS MEMBRANES CAN OCCUR.
 Med Cond Aggravated By Exp: N/K
 Emergency/First Aid Proc: EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. INGESTION: OBTAIN MEDICAL ATTENTION IN ALL CASES.

=====

Precautions for Safe Handling and Use

=====

Steps If Matl Released/Spill: VACUUM OR SCOOP MATERIAL INTO MARKED CONTAINER FOR RECLAMATION OR DISPOSAL. AVOID EXCESSIVE GENERATION OF DUST. IF DUST IS GENERATED, USE APPROPRIATE RESPIRATOR.
 Neutralizing Agent: N/K
 Waste Disposal Method: MATERIAL WHICH CANNOT BE RECYCLED INTO PROCESS SHOULD BE LANDFILLED IN ACCORDANCE W/FEDERAL, STATE, & LOCAL REGULATIONS.
 Precautions-Handling/Storing: STORE DRY AT AMBIENT TEMPERATURE AWAY FROM FOOD & BEVERAGES.
 Other Precautions: AVOID BREATHING DUST. AVOID CONTACT W/EYES & SKIN.

=====

Control Measures

=====

Respiratory Protection: USE NIOSH/MSHA APPROVED DUST RESPIRATOR WHEN >TLV.
 Ventilation: LOCAL TO KEEP <TLV.
 Protective Gloves: RUBBER, CLOTH OR PLASTIC
 Eye Protection: SAFETY GLASSES
 Other Protective Equipment: EYE WASH STATION, & WASHING FACILITIES
 Work Hygienic Practices: WASH HANDS & FACE BEFORE EATING, DRINKING OR USING TOBACCO PRODUCTS. WASH THOROUGHLY AFTER HANDLING.

Report for NIIN: 00F023907

Suppl. Safety & Health Data: A FUME CAN BE DEFINED AS AN AEROSOL OF SOLID PARTICLES PRODUCED BY CONDENSATION OF VAPORIZED MATERIALS SUCH AS IRON METAL. IN NORMALLY ACCEPTED USAGES, IRON OXIDE PIGMENTS WOULD NOT BE PRESENT IN THE FORM OF A FUME.

=====

Transportation Data

=====

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:

=====

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:

Report for NIIN: 00F023907

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: YES
 Technical Review Date: 30JUN92
 Label Date: 16JUN92
 MFR Label Number: N/R
 Label Status: F
 Common Name: IRONOXIDE
 Chronic Hazard: NO
 Signal Word: WARNING!
 Acute Health Hazard-None:

Acute Health Hazard-Slight:
Acute Health Hazard-Moderate: X
Acute Health Hazard-Severe:
Contact Hazard-None:
Contact Hazard-Slight: X
Contact Hazard-Moderate:
Contact Hazard-Severe:
Fire Hazard-None: X
Fire Hazard-Slight:
Fire Hazard-Moderate:
Fire Hazard-Severe:
Reactivity Hazard-None: X
Reactivity Hazard-Slight:
Reactivity Hazard-Moderate:
Reactivity Hazard-Severe:
Special Hazard Precautions: EYES: REDUCE VISIBILITY. INHALATION:
UNPLEASANT DEPOSITS IN EYES, EARS, & NOSE, SIDEROSIS. SKIN: INJURY OR
MUCOUS MEMBRANES CAN OCCUR.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: MINERAL PIGMENTS CORP
Label Street: 7011 MUIRKIRK RD
Label P.O. Box: N/K
Label City: BELTSVILLE
Label State: MD
Label Zip Code: 20707
Label Country: US
Label Emergency Number: (301) 776-1100
Year Procured: UNK