

# M A T E R I A L   S A F E T Y   D A T A   S H E E T

Rev 07100.03A

For Coating, Resins, and Related Materials NPCA 1-84

MANUFACTURER'S NAME  
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DATE OF PREPARATION  
28-MAR-94 (Sup. 25-JUN-90)

INFORMATION TELEPHONE NO.  
201-573-9600

## SECTION I - PRODUCT ID

|                                            |                   |                |
|--------------------------------------------|-------------------|----------------|
| PRODUCT CODE: 071, C071, D071              | HMIS CODE         | SARA TITLE 312 |
| CLASS: SOLVENT THINNED PAINT               | Health: 1*        | Acute: NO      |
| NAME: IRONCLAD QUICK DRY INDUSTRIAL ENAMEL | Flammability: 2   | Chronic: YES   |
| COLOR: ALL                                 | Reactivity: 0     | Fire: YES      |
|                                            | Personal Prot.: G | Pressure: NO   |
|                                            |                   | React: NO      |

## SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT                         | MAX PCT | CAS NO.   | TLV      | PEL      | STEL   | CETL | MM Hg      | TEMP |
|------------------------------------|---------|-----------|----------|----------|--------|------|------------|------|
| Stoddard Solvent (fn)              | 47.1    | 8052413   | 100ppm   | 100ppm   | N/E    | N/E  | 2.0 @ 20 C |      |
| Xylene (f3n)                       | 2.2     | 1330207   | 100ppm   | 100ppm   | 150ppm | N/E  | 21 @ 38 C  |      |
| Ethyl Benzene (f3n)                | 1.4     | 100414    | 100ppm   | 100ppm   | 125ppm | N/E  | 10 @ 20 C  |      |
| Bentonite Clay (f*)                | 1.2     | 121888662 | 0.1mg/m3 | N/E      |        |      |            | N/A  |
| Silica, Crystalline (f*n)          | 0.3     | 14808607  | .1mg/m3  | .1mg/m3  | N/E    | N/E  |            | N/A  |
| Titanium Dioxide (f*)              | 26.1    | 13463677  | 10mg/m3  | 10mg/m3  | N/E    | N/E  |            | N/A  |
| Petroleum Distillates, n.o.s. (fn) | 12.1    | 8002059   | 300ppm   | 300ppm   | 400ppm |      | 26 @ 100 F |      |
| Hydrous Alum Silicates (f*)        | 8.2     | 1332587   | 10mg/m3  | 10mg/m3  | N/E    | N/E  |            | N/A  |
| Pigment Blue (f*)                  | 2.4     | 147148    | 1mg/m3   | 1mg/m3   | N/E    | N/E  |            | N/A  |
| C.I. Yellow 11741 (f*)             | 6.3     | 6358312   | 10mg/m3  | 15mg/m3  | N/E    | N/E  |            | N/A  |
| Iron Oxide (f*n)                   | 9.3     | 1309371   | 5mg/m3   | 10mg/m3  | N/E    | N/E  |            | N/A  |
| Phthalocyanine Green (f*)          | 1.5     | 1328536   | 1mg/m3   | 1mg/m3   | N/E    | N/E  |            | N/A  |
| C.I. Yellow 77492 (f*)             | 8.1     | 51274001  | 10mg/m3  | 10mg/m3  | N/E    | N/E  |            | N/A  |
| Carbon Black (f*n)                 | 3.1     | 1333864   | 7mg/m3   | 3.5mg/m3 | N/E    | N/E  |            | N/A  |
| Talc (f*n)                         | 32.6    | 14807966  | 2mg/m3   | 2mg/m3   | N/E    | N/E  |            | N/A  |

f Federal Hazard List

\* Hazardous only as dust when product is sanded.

3 Sect. 313 of the Emergency Planning & Community Right-To-Know Act of 1986 and of 40 CFR 372 n New Jersey Label Law hazardous chemical

## SECTION III - PHYSICAL DATA

BOILING RANGE: 313 to 405 °F VAPOR DENSITY: HEAVIER THAN AIR WEIGHT PER GAL: 7.5 - 10.0  
EVAPORATION RATE: SLOWER THAN ETHER % VOLATILE VOLUME: 43.1 - 60.3

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

D.O.T. FLAMMABILITY CLASSIFICATION: COMBUSTIBLE FLASH POINT: 107 °F PMCC LEL: 1.0%  
EXTINGUISHING MEDIA: FOAM CO2 DRY CHEMICAL WATER FOG

UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may burst to extreme heat or fire.  
Toxic gases may form when product burns.

SPECIAL FIREFIGHTING PROCEDURES: Do not use water stream on burning liquid. Cool exposed container with water. use self-contained breathing apparatus.

Date 7-14-98 ☒ New ☐ Revised

☒ Technical ☐ Maintenance  
☒ Power Plant ☐ WWTP  
☐ Lab ☐ #7 Office  
☐ #5/6 Office ☐ #8 Office ☒ Main Gate  
☐ Material Prep ☐ Stores ☐ Roll Wrap

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**SECTION V - HEALTH HAZARD DATA**

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**EFFECTS OF OVEREXPOSURE - ACUTE:**

Inhalation - Harmful if inhaled. May affect the brain or nervous system, causing dizziness, headache or nausea.

Contact - Causes eye irritation.

Contact - Causes skin irritation.

Ingestion - Irritation of the digestive tract and nervous system depression (drowsiness, dizziness, loss of coordination and fatigue). Aspiration Hazard - This material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

**EFFECTS OF OVEREXPOSURE - CHRONIC:**

Skin Contact - Prolonged or repeated exposure may cause dermatitis.

Inhalation statement: Sanding dust inhalation may cause lung damage.

Crystalline silica has been classified as probably carcinogenic for humans (2A) by IARC.

NOTICE: Reports have associated permanent brain and nervous system damage with repeated, prolonged overexposure to solvents among persons engaged in the painting trade. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

**MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE:**

None expected when used in accordance with Safe Handling and Use Information (Section VIII).

PRIMARY ROUTE(S) OF ENTRY: DERMAL          INHALATION          INGESTION

**EMERGENCY AND FIRST AID PROCEDURES:**

Inhalation - Remove from hazard area, maintain breathing, call physician.

Skin Contact - Remove with soap and water.

Eye Contact - Flush immediately with large amounts of water. Call physician.

Ingestion - Drink 1 or 2 glasses of water to dilute. Do NOT induce vomiting. Call physician.

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**SECTION VI - REACTIVITY DATA**

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STABILITY: STABLE

HAZARDOUS POLYMERIZATION WILL NOT OCCUR

HAZARDOUS DECOMPOSITION PRODUCTS: Burning may produce carbon dioxide and carbon monoxide.

CONDITIONS TO AVOID: Elevated temperatures and build up of vapors.

INCOMPATIBILITY (MATERIALS TO AVOID): None reasonably foreseeable.

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**SECTION VII - SPILL OR LEAK PROCEDURES**

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Avoid breathing vapors. Use non-sparking tools to return materials to container. Absorb residue with Fuller's earth.

WASTE DISPOSAL METHOD: Conventional procedures in compliance with local, state and federal regulations. Do not incinerate sealed containers.

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**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

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RESPIRATORY PROTECTION: Wear a properly fitted vapor/particulate approved by NIOSH/MSHA for use with paints (TC-23C) during application or sanding and until all vapors and spray mist are exhausted. In confined spaces or in situations where continuous spray operations are typical, or if proper respirator fit is not possible, wear a positive-pressure, supplied air respirator (NIOSH/MSHA TC-19C).

VENTILATION: Adequate to maintain working atmosphere below T.L.V. and L.E.L. (See Sect. II for ingredient data and concentrations). Mechanical exhaust may be required in confined areas. Discharge exhaust only in area away from ignition sources.

PROTECTIVE GLOVES: Solvent impermeable gloves are required.

EYE PROTECTION: Splash goggles or safety glasses with side shields.

OTHER PROTECTIVE EQUIPMENT: Clothing adequate to protect skin.

HYGIENIC PRACTICES: Remove and wash clothing before reuse. Wash hands before eating, smoking or using the washroom.

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**SECTION IX - SPECIAL PRECAUTIONS**

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Combustible - Keep away from heat and flame.

OTHER PRECAUTIONS: Use only with adequate ventilation. Avoid prolonged contact with skin breathing of vapor spray mist or sanding dust. Close container after each use. Keep out of reach of children. Do not take internally.