

MATERIAL SAFETY DATA SHEET

Rev 07100.01A

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

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DATE OF PREPARATION
25-JUN-90

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SECTION I - PRODUCT ID

PRODUCT CODE: Q71
CLASS: SOLVENT THINNED PAINT
NAME: IRONCLAD QUICK DRY INDUSTRIAL
ENAMEL
COLOR: ALL

HMIS CODE

Health: 1*
Flammability: 2
Reactivity: 0
Personal Prot.: G

SARA TITLE 312

Acute: NO
Chronic: YES
Fire: YES
Pressure: NO
React: NO

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENT	MAX PCT	CAS NO.	TLV	PEL	STEL	CEIL	MM Hg TEMP
Stoddard Solvent (fn)	52.8	8052413	100ppm	100ppm			2.0 @ 20 C
Bentonite Clay (f*)	1.2	12188662	0.1mg/m3	N/E			N/A
Silica, Crystalline (f*)	0.2	14808607	.1mg/m3	.1mg/m3			N/A
Titanium Dioxide (f*n)	26.1	13463677	10mg/m3	10mg/m3			N/A
Hydrous Alum Silicates (f*)	6.4	1332587	10mg/m3	10mg/m3			N/A
C.I. Yellow 11741 (f*)	6.3	6358312	10mg/m3	15mg/m3			N/A
Iron Oxide (f*n)	11.0	1309371	5mg/m3	10mg/m3			N/A
Ethyl Benzene (f3n)	2.2	100414	100ppm	100ppm	125ppm		10 @ 20 C
Phthalocyanine Green (f*3)	1.8	1328536	1mg/m3	1mg/m3			N/A
Carbon Black (f*n)	3.0	1333864	7mg/m3	3.5mg/m3			N/A
Xylene (f3n)	1.4	1330207	100ppm	100ppm	150ppm		21 @ 38 C
Pigment Blue (f*3)	2.5	147148	1mg/m3	1mg/m3			N/A
Talc (f*n)	32.9	14807966	2mg/m3	2mg/m3			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- 405°F VAPOR DENSITY: HEAVIER THAN AIR WEIGHT PER GAL: 7.4 - 9.6
EVAPORATION RATE: SLOWER THAN ETHER % VOLATILE VOLUME: 50.1 - 63.5

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 if exposed 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 containers with water. Use self-contained breathing apparatus.

SECTION IX - SPECIAL PRECAUTIONS

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 and breathing of vapor spray mist or sanding dust.
Close container after each use. Keep out of reach of children. Do not take internally.

SECTION V - HEALTH HAZARD DATA

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.

SECTION VI - REACTIVITY DATA

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.

SECTION VII - SPILL OR LEAK PROCEDURES

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.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION:

Use NIOSH approved respirator specified for protection against paint spray mist, sanding dust and organic vapors in restricted or confined areas.

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 during repeated contact.

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.