

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Ductile Iron Pipe Lined with Protecto 401 Ceramic Epoxy

Section I

Manufacturer's name

Emergency Telephone Number

Induron Coatings, Inc.

205-324-9584

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information

3333 Richard Arrington Jr. Blvd. N

205-320-5220

Birmingham, Alabama 35234

Date Prepared

1 March 2010

Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL

ACGIH TLV

Other Limits Recommended % (optional)

Polymerized Coal Tar Pitch

Non Established

Not hazardous under Normal conditions

Section III—Physical/Chemical Characteristics

Boiling Point

N/A

Specific Gravity (H₂O = 1)

.97 – 1.1

Vapor Pressure (mm Hg)

N/A

Melting Point

N/A

Vapor Density (AIR = 1)

N/A

Evaporation Rate (Butyl Acetate = 1)

N/A

Solubility in Water NONE

Appearance and Odor

Iron Pipe, Phenol Odor

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)

N/A

Flammable Limits

N/A

LEL

N/A

UEL

N/A

Extinguishing Media

Water Spray, water fog, dry chemical

Special Fire Fighting Procedures

Wear self-contained breathing apparatus

Do not breathe fumes and/or smoke

Unusual Fire and Explosion Hazards

Do not breathe fumes and/or smoke. Wear self-contained breathing apparatus.

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (*Materials to Avoid*)

Hazardous Decomposition or Byproducts

Above 450°F – CO, CO₂, Hydrocarbons, Benzene

Hazardous Polymerization	May Occur		Conditions to Avoid	Open Flame
	Will Not Occur	X		

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
	YES	YES	N/A

Health Hazards (*Acute and Chronic*)

Avoid long-term skin contact; use fresh air device if entering confined space.

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
N/A	N/A	N/A	No

Signs and Symptoms of Exposure

Skin sensitivity or rash on long-term exposure; headache, nausea and/or dizziness if breathed in confined space.

Medical Conditions

Generally Aggravated by Exposure

Allergies, respiratory diseases

Emergency and First Aid Procedures

Provide fresh air, wash skin and see a doctor.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

N/A

Waste Disposal Method

Sanitary landfill – obtain prior approval for large quantities.

Precautions to Be Taken in Handling and Storing

Normal protective clothing used in handling construction materials.

Other Precautions

None

Section VIII—Control MeasuresRespiratory Protection (*Specify Type*)

Ventilation	Local Exhaust	N/A	Special Use	Fresh air device if entering pipe in confined space.
	Mechanical (<i>General</i>)	N/A	Other	N/A
Protective Gloves			Eye Protection	Safety glasses recommended when cutting
Other Protective Clothing or Equipment	None			

Work/Hygienic Practices

Avoid prolonged skin contact; wear NIOSH/MSHA TC-21C-132 type dust/mist respirator when sanding, grinding, blasting or cutting the dry film of this material.