



2800 Enloe Street
Hudson, WI 54016

Material Safety Data Sheet Indu-Crete Part A

Emergency Telephone Number
800-535-5053

Telephone Number for Information
800-577-6213

Hazardous Ingredients/Identity Information

Chemical Type: Polyalcohol emulsion, used with Indu-Crete Part B and Indu-Crete Part C				
Chemical identity	CAS #	Percent	OSHA PEL	ACGIH TLV
Vegetable oil-based substance (trade secret)	Withheld	>20%	N/E	N/E
Butyl Benzyl Phthalate	85-68-7	10-20%	N/E	N/E
Secondary Alcohol Ethoxylate	84133-50-6	1-5%	N/E	N/E
Glycerin	56-81-5	1-5%	10 mg/m ³ 5 mg/m ³ (respirable)	10 mg/m ³ (mist)
Pine Oil	8002-09-3	0.5-1%	N/E	N/E
Propylene Glycol Monomethyl Ether Acetate	108-65-6	<0.5%	N/E	N/E
Solvent Naphtha (Petroleum), Light Aromatic	64742-95-6	<0.5%	N/E	N/E
n-Methyl-2-Pyrrolidone	872-50-4	<0.1%	N/E	N/E
N/E = not established				

Physical Characteristics

Boiling point	~205°F	Density	~1 g/cm ³ @ 68°F
pH	~7.2	Solubility in water	Miscible
Vapor Pressure	~25 mmHg @ 68°F	Dynamic viscosity	~210 mPa·s @ 68°F
Appearance and odor: Gel-like white liquid with slight odor			

Fire and Explosion Hazard Data

Flash point (Method used)	>212°F
Extinguishing Media: Dry chemical, carbon dioxide, foam, water	
Special fire fighting procedures: Firefighters should wear self-contained breathing apparatus to protect against potentially toxic and irritating fumes. Use cold-water spray to cool fire-exposed containers to minimize the risk of rupture.	
Unusual Fire and Explosion Hazards: Dry residue will support combustion. Toxic and irritating gases or fumes may be given off if product is burned. Vapors or fumes may form explosive mixtures with air.	

Reactivity Data

Stability	Stable	Conditions to avoid: Protect from freezing
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Incompatibility (*Materials to Avoid*): Oxidizing agents, reducing agents, acids, bases

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, oxides of nitrogen, and other undetermined aliphatic fragments will be formed if this product is heated to decomposition or in a fire.

Hazardous Polymerization: Will not occur.

Health Hazard Data

Carcinogenicity: Not regulated as a carcinogen by OSHA, IARC, or NTP.

Effects, Signs, and Symptoms of Overexposure:

Primary route of exposure: Skin or eye contact, inhalation

Skin contact: Skin irritant. May cause symptoms of redness and itching. Repeated contact can cause dermatitis.

Eye contact: Irritation. Can cause reddening, tearing, and stinging. May cause corneal injury.

Inhalation: Respiratory tract irritation, with symptoms of coughing, sore throat, runny nose. Prolonged inhalation of very large amounts could cause central nervous system depression, with symptoms of nausea, lightheadedness, drowsiness, dizziness, loss of coordination. Repeated and prolonged overexposure could cause brain and nervous system damage.

Ingestion: Not likely to occur. May cause irritation, nervous system effects associated with solvent exposure. Product abdominal pain, nausea, vomiting, and diarrhea.

Medical Conditions Generally Aggravated by Exposure:

Pre-existing skin disorders, respiratory disorders, and eye disorders may be aggravated by exposure to this product.

Emergency and First Aid Procedures:

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open. Get medical attention if eyes are burning, tearing, red, or otherwise irritated after flushing.

Skin: Remove contaminated clothing or shoes. Wash off with soap and water. Get medical attention if irritation develops.

Inhalation: Move victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration or oxygen if breathing problems develop. Get medical attention as needed.

Ingestion: Do NOT induce vomiting. If conscious, give two glasses of water (do not give anything by mouth to an unconscious person). Seek medical attention immediately.

Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Clean up spills promptly, as material will be slippery.

Small spills: Use appropriate protective equipment. Stop the leak. Cover the spilled material with inert material (cat litter, sand, clay, etc.) and collect for appropriate disposal. Wash spilled area with water.

Large spills: Keep non-emergency personnel out of the area. Remove ignition sources. Notify management. Put on protective equipment. Stop leak only if safe to do so. Ventilate. Dike or dam the spill so it will not spread into drains, sewers, water supplies, or soil. Do not allow spilled material or wash water to enter sewers, surface waters, or groundwater. Wash spill area thoroughly.

Waste Disposal Method:

Follow federal, state, and local regulations. The material can be reacted with Part B to form an inert material. Incineration is the recommended method of disposal. The material is not a listed or characteristic hazardous waste under the Resource Conservation and Recovery Act, but state laws may vary. The end use is responsible for determining whether a material containing or derived from this should be classified as a hazardous waste.

Precautions to be Taken in Handling and Storing

Keep from freezing. Store between 32°F and 120°F.

Use only with adequate ventilation and personal protection. Wash thoroughly after handling. Keep container closed when not in use. Protect from light. May form explosive peroxides.

Other Precautions:

Empty containers hold product residue. Do not heat or cut empty containers, as highly toxic vapors and gases may be formed. Do not reuse without thorough commercial cleaning and reconditioning. Thoroughly drain container before disposal.

Control Measures

Follow protective measures for Indu-Crete Part B.

Respiratory Protection:

Under normal use conditions, with general good ventilation and if material is not heated or sprayed, no respirator is required. In inadequately ventilated areas or where the material is sprayed, aerosolized, or heated and exposures may exceed occupational exposure limits, use a NIOSH-approved respirator in accord with 29CFR1910.134.

At concentrations up to ten times the TLV or PEL, an air-purifying respirator with organic vapor cartridges can be used, if the cartridge has an end-of-service-life indicator certified by NIOSH or if a change-out schedule, reflecting conditions of use, has been developed.

Ventilation:

Provide adequate general (dilution) ventilation to limit worker exposure.

Protective Clothing:

Wear chemical resistant gloves appropriate to Indu-Crete Part B. Nitrile gloves are effective; butyl rubber, neoprene and PVC are also suitable. Wear other protective clothing (boots, coveralls) as needed to prevent skin contact.

Eye Protection:

Wear chemical safety goggles and a face shield if there is any possibility of splashing or spraying. Wear appropriate eye protection whenever handling the product.

Work/Hygienic Practices:

Eyewashes and safety showers should be available for emergency use.

Transportation Requirements

Department of Transportation Classification:

Class 9, miscellaneous hazard. Packaging Group III

DOT Proper Shipping Name:

Environmentally Hazardous Substance, Liquid, n.o.s. (contains butyl benzyl phthalate).

Other Requirements: UN3082, ERG Guide 171.

Reportable Quantity: 552 lb (butyl benzyl phthalate)

Other Regulatory Controls

Components of this product are listed on the EPA/TSCA Inventory of Chemical Substances.

US EPA CERCLA Hazardous Substances (40CFR 302 butyl benzyl phthalate (RQ, 100 lbs)

SARA Section 311/312 Hazard Categories: Acute Health Hazard, Chronic Health Hazard

USEPA Emergency Planning and Community Right to Know Act SARA Title III, Section 302: Extremely Hazardous Substances: this contains no listed components

USEPA Emergency Planning and Community Right to Know Act SARA Title III, Section 313: n-methyl-2-pyrrolidone (<0.1%).

NFPA 704M Rating

Health: 2

Flammability: 1

Reactivity: 0

Other: N/A

0=insignificant, 1=slight, 2=moderate, 3=high, 4=extreme

HMIS Rating

Health: 2

Flammability: 1

Physical Hazard: 0

0=minimal, 1=slight, 2=moderate,
3=serious, 4=severe

Date Prepared: 11 November 2005

Prepared by: Janet L. Keyes, CIH

The data in this material safety data sheet relate only to the specific material designated herein and do not relate to use in combination with any other material or in any process. The information is believed to be correct as of the date issued. Since the use of this information and the conditions of use of the product are not within the control of Indue Sales and Services, it is the user's obligation to determine procedures for safe use and disposal of the product and to follow the appropriate safe procedures.