COTE-L INDUSTRIES, INC.
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1542 Jefferson St, Teaneck NJ 07666 ♦ TEL: 201-836-0733 FAX: 201-835-5220 ♦ www.cotelind.com

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

PRODUCT NAME: CEASEFIRE™
PRODUCT CLASS: Flame Retardant – two part water-borne epoxy coating resin
COMPANY NAME: COTE-L Industries, Inc.
DATE MSDS PREPARED: 01 January 2009

PRODUCT CODE: CEASEFIRE™
CAS #: Registered Trade Secret
EMERGENCY PHONE: 973-465-0077
NAME OF PREPARER: Phillip Rhodes

SECTION II - COMPOSITION / INFORMATION ON INGREDIENTS

COMPONENT	CAS #	WEIGHT %	ACGIH TLV	OSHA PEL
CEASEFIRE™ parts A&B	Trade Secret	80		
Water		20		

SECTION III - HAZARDS IDENTIFICATION

SKIN CONTACT: Corrosive to skin. Prolonged contact with skin may cause reddening, swelling, rash (hives) or sensitization. It may cause irritation, and direct skin contact is the route of exposure most likely to cause sensitization.

EYE CONTACT: Corrosive to eyes. Burns of the eyes may cause blindness. Contact of diluted product with the eyes or skin quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury.

INHALATION: Vapors and fumes may cause irritation of the respiratory tract (nose, throat, lungs) and may cause adverse respiratory effects such as cough, tightness of chest or shortness of breath.

INGESTION: Product may be slightly toxic and may produce CNS depression. Obtain emergency medical help.

AGGRAVATED Pre-existing eye, skin, and respiratory disorders may be aggravated by exposure to fumes or vapors of this product. Existing allergies may increase the chance of developing increased allergy symptoms.

OTHER HEALTH HAZARDS: This product contains no carcinogens.

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SECTION IV - FIRST AID MEASURES

SKIN CONTACT: Immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if available or follow up by washing with soap and water. Do not reuse clothing until thoroughly cleaned.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes while holding eyelids open and seek medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing and seek medical help immediately. Turn victims head to the side.

INGESTION: In the event of ingestion, administer 3-4 glasses of milk or water. Do not induce vomiting, and get medical help immediately.

SECTION V - FIRE FIGHTING MEASURES

FLASH POINT: °F Part A > 350 (Closed Cup)
Part B > 300

FLAMMABILITY LIMITS: UEL % Not Established
LEL % Not Established

EXTINGUISHING MEDIA: In case of large fire use: Water Spray, and Foam. In case of small fire, use Carbon Dioxide, Dry Chemical fire extinguishers, dry sand or limestone

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by fire fighters. Do not enter a confined space without full bunker gear, including a positive pressure NIOSH approved by self contained breathing apparatus. During fire, irritating and toxic gases may be generated by thermal decomposition or combustion

SECTION VI - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: Remove all sources of ignition and ventilate the area. Dike and contain spilled material and control further spillage if feasible. Cover spill with clay, sand, saw dust, vermiculite, Fuller's earth or other suitable absorbent. Collect material in non-leaking containers and seal tightly for disposal. Refer to section 123 for disposal information.

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SECTION VII - HANDLING AND STORAGE

Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and removal of the material from eyes skin and clothing. Employee education and training in the safe use and handling of this material are required under the OSHA Hazard communication standard. Use with adequate ventilation.

STORAGE: Store indoors in a cool dry place away from heat, sparks and flame. Keep containers tightly closed when not in use. Keep away from acids and oxidizers. Do not store in an iron or other reactive metal containers.

SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE PROTECTION: Full face shields with goggles underneath. Contact lenses should not be worn.

SKIN PROTECTION: Avoid contact with skin and clothing. Use chemical resistant protective gloves such as neoprene rubber gloves, nitrile rubber gloves, cuffed butyl rubber gloves and other impermeable gloves.

RESPIRATORY PROTECTION: Avoid breathing vapors. Avoid breathing aerosols and mists. Use NIOSH / MSHA approved respiratory protection equipment when airborne exposure is excessive. Observe OSHA regulations for respirator use (29 CFR 1910.134).

VENTILATION: Hazard control from vapor or spray mist is ideally performed by the use of engineering controls. General or local ventilation or isolation may prove adequate to keep airborne exposures below exposure limits.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Liquids
BOILING POINT: N/A
WEIGHT PER GALLON: 10 lbs.
EVAPORATION RATE: 0-1 (N-Butyl Acetate)
COLOR: white and clear
SOLUBILITY: not determined
VAPOR DENSITY: not determined
SPECIFIC GRAVITY: 1.2
VAPOR PRESSURE: not determined

Note: These physical data are typical values based on material tested but may vary from sample to sample. Typical values should not be construed as a guarantee analysis of any specific lot or as specifications for the product.

SECTION X - STABILITY AND REACTIVITY

STABILITY: Product is stable under normal conditions of storage and handling. Will thermally decompose at approx. 300°C

MATERIALS TO AVOID: None Known

HAZARDOUS POLYMERIZATION: Will not occur.

DECOMPOSITION PRODUCTS: By heat and fire: Carbon dioxide, carbon monoxide. Ammonia when heated. Nitrogen oxide in the fire. Nitrogen oxide can react with water vapors to form corrosive nitric acid. Phosphorous Compounds.

SECTION XI - TOXICOLOGICAL INFORMATION

	Part A	Part B
Acute Oral Toxicity (LD50, Rat):	>4290 mg/kg (estimates)	>1000 mg/kg (estimates)
Acute Dermal Toxicity (LC50, Rat):	>2500 mg/kg (estimates)	>200 mg/kg (estimates)
Chronic Data:	No delayed, subchronic or chronic test data are known.	

SECTION XII - ECOLOGICAL INFORMATION

Data not available

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste must be disposed of in accordance with federal, state and local environmental control regulations. Incineration is the preferred method. Empty containers must be handled with care due to product residue. Do not heat or cut empty containers with electric or gas torch.

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SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Resin compound - class 55

HAZARD CLASS OR DIVISION: N/A
UN / NA #:
PACKING GROUP:
DOT PRODUCT RQ, Lb.:
HAZARD LABEL(S):
HAZARD PLACARD(S):

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All ingredients in this product are listed in the TSCA inventory

CERCLA REPORTABLE QUANTITY: None

SARA TITLE III:

SECTION 302 - EXTREMELY HAZARDOUS SUBSTANCE: None

SECTION 311/312 - HAZARD CATEGORIES: None

SECTION 313 - TOXIC CHEMICALS: None

RCRA:

It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.
(40 CFR 261.20-24)

SECTION XVI - OTHER INFORMATION

HMIS RATINGS:		Health:	Flammability:	Reactivity:
	Part A	1	0	0
	Part B	2	1	1

REASON FOR ISSUE: Initial issuance of new product.