

# SAFETY DATA SHEET

FLAME CONTROL NO. 3005A PART B

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## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

**TRADE NAME:** FLAME CONTROL NO. 3005A PART B

**CHEMICAL FAMILY:** EPOXY PRIMER PART B

**MAIN USE:** EPOXY PRIMER PART B

**MANUFACTURER'S NAME / ADDRESS:** FLAME CONTROL COATINGS LLC  
4120 HYDE PARK BOULEVARD  
NIAGARA FALLS, N.Y. 14305

**EMERGENCY TELEPHONE NUMBER:** 800-535-5053

**ISSUE DATE:** MAY 12, 2016

**REVISION DATE:**

**PREPARED BY:** P. PISARSKI

## SECTION 2: HAZARDS IDENTIFICATION

**CLASSIFICATION:** AMBER LIQUID

**IMPORTANT HAZARDS:**

FLAMMABLE LIQUID- CATEGORY 3  
SKIN CORROSION/IRRITATION- CATEGORY 2  
SERIOUS EYE DAMAGE/EYE IRRITATION- CATEGORY 2A  
CARCINOGENICITY- CATEGORY 2B  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(RESPIRATORY TRACT IRRITATION)- CATEGORY 3  
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)  
(NARCOTIC EFFECTS)- CATEGORY 3

**GHS LABEL ELEMENTS HAZARD PICTOGRAMS:**



**EMERGENCY OVERVIEW:**

CAUTION!  
RISK OF SERIOUS DAMAGE TO EYES  
HARMFUL IN CONTACT WITH SKIN  
HARMFUL IF SWALLOWED  
CORROSIVE  
KEEP AWAY FROM HEAT AND SOURCES OF IGNITION  
COMPONENTS OF THE PRODUCT MAY EFFECT THE NERVOUS SYSTEM  
SEVERE EYE IRRITANT  
SEVERE SKIN IRRITANT

**PRIMARY ROUTES OF ENTRY:** EYE CONTACT, SKIN CONTACT, INHALATION, INGESTION.

**HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)**

**EYES:**

ACUTE – SEVERE IRRITANT MAY CAUSE BURNS. VAPOR MAY CAUSE LACRIMATION AND REVERSIBLE CORNEAL EDEMA.

CHRONIC – CONJUNCTIVITIS OR CORNEAL DAMAGE.

**SKIN CONTACT:**

ACUTE – UNDILUTED PRODUCT QUICKLY CAUSES IRRITATION. MAY CAUSE CHEMICAL BURNS.

CHRONIC – MAY CAUSE ALLERGIC REACTION/SENSITIZATION, DEFATTING OF SKIN, RASH AND IRRITATION.

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## SECTION 3: HAZARDS IDENTIFICATION (CON'T)

### SKIN ABSORPTION:

ACUTE – ND  
CHRONIC – ND

### INHALATION:

ACUTE – VAPORS MAY CAUSE DAMAGE TO CONTACTED TISSUE AND PRODUCE SCARRING.  
CHRONIC REPEATED AND/OR PROLONGED EXPOSURES CAN CAUSE TIGHTNESS OF CHEST, SHORTNESS OF BREATH AND COUGH.

### INGESTION:

ACUTE – MAY CAUSE IRRITATION AND BLEEDING OF THE GASTROINTESTINAL TRACT  
CHRONIC – SCARRING OF THE AFFECTED TISSUES MAY OCCUR.

**CONDITIONS AGGRAVATED BY EXPOSURE:** ASTHMA; BRONCHITIS, EMPHYSEMA; EYE DISEASE; SKIN DISORDERS AND ALLERGIES.

**OVEREXPOSURE EFFECTS:** LACRIMATION OF EYES, SKIN IRRITATION, DIZZINESS.

IRRITANCY: YES  
SENSITIZER: YES

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**SUBSTANCE/MIXTURE:** MIXTURE

**OTHER MEANS OF IDENTIFICATION:** NOT AVAILABLE

### HAZARDOUS INGREDIENTS

	Wt. %	CAS Number
C-18 UNSATURATED DIMER ACIDS, REACTION PRODUCTS WITH POLYETHEYLENE AMINES	60-100	068410-23-1
XYLENE-MIXED ORTHO, META AND PARA ISOMERS	10-30	001330-20-7
ETHYLBENZENE	0.1-1.0	000100-41-4
TRIETHYLENETETRAMINE	0.1-1.0	000112-24-3

## SECTION 4: FIRST AID MEASURES

**GENERAL:** REMOVE AFFECTED PERSON FROM AREA. TREAT SYMPTOMATICALLY.

**EYES:** FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.

**SKIN:** REMOVE PRODUCT AND FLUSH AFFECTED AREA WITH WATER FOR 15 MINUTES. IF IRRITATION PERSISTS SEEK MEDICAL ATTENTION. VICTIMS OF MAJOR SKIN AREA CONTACT SHOULD REMAIN UNDER MEDICAL OBSERVATION FOR 24 HOURS.

**INHALATION:** MOVE TO FRESH AIR. GIVE ASSISTED RESPIRATION IF BREATHING HAS STOPPED OR IS LABORED (CALL A PHYSICIAN).

**INGESTION:** GIVE 3 – 4 GLASSES OF WATER OR MILK IF PERSON CONSCIOUS. **DO NOT INDUCE VOMITING!** OBTAIN MEDICAL CARE AND TREATMENT.

## SECTION 5: FIRE FIGHTING MEASURES

**HAZARDOUS COMBUSTION PRODUCTS:** CO; CO<sub>2</sub>; NH<sub>3</sub>. NITROGEN OXIDES CAN BE PRODUCED IF HEATED, BURNED OR REACTED WITH INCOMPATIBLE MATERIALS. NITROGEN OXIDES CAN REACT WITH WATER VAPORS TO FORM CORROSIVE NITRIC ACID.

**SENSITIVITY TO STATIC DISCHARGE:** NONE

**EXTINGUISHING MEDIA:** IGNITION MAY GIVE RISE TO A CLASS B FIRE. IN CASE OF FIRE USE: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, ALCOHOL FOAM.

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## SECTION 5: FIRE FIGHTING MEASURES (CON'T)

**SPECIAL FIRE FIGHTING PROCEDURES:** NONE LIKELY WITH SMALL QUANTITIES. FOR LARGE QUANTITIES, FIREFIGHTERS AND OTHERS EXPOSED TO VAPORS OR PRODUCTS OF COMBUSTION SHOULD WEAR BUTYL RUBBER BOOTS, GLOVES AND BODY SUIT. SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN.

**UNUSUAL FIRE AND EXPLOSIVE HAZARDS:** MAY GENERATE TOXIC OR IRRITATING COMBUSTION PRODUCTS. SUDDEN REACTION AND FIRE MAY RESULT IF PRODUCT IS MIXED WITH AN OXIDIZING AGENT.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** SHUT OFF SOURCES OF IGNITION. COVER SPILLS WITH ABSORBENT. PLACE IN METAL CONTAINERS FOR RECOVERY OR DISPOSAL. PREVENT ENTRY INTO SEWERS, STORM DRAINS, AND WATERWAYS.

## SECTION 7: HANDLING AND STORAGE

**HANDLING:** AVOID CONTACT WITH SKIN AND EYES. EMERGENCY SHOWERS AND EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE. ADHERE TO WORK PRACTICE RULES ESTABLISHED BY GOVERNMENT REGULATIONS. USE PERSONAL PROTECTIVE EQUIPMENT. WHEN USING DO NOT EAT, DRINK OR SMOKE.

**STORAGE:** KEEP AWAY FROM OXIDIZERS, HEAT OR FLAME. STORE IN STEEL CONTAINERS. DO NOT STORE NEAR ACIDS. KEEP CONTAINERS TIGHTLY CLOSED IN A DRY, COOL AND WELL-VENTILATED PLACE.

## SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

### EXPOSURE LIMITS (ppm)

INGREDIENTS (CAS)	OSHA		ACGIH		OTHER
	TWA	STEL	TWA	STEL	
068410-23-1	NE	NE	NE	NE	
001330-20-7	100	150	100	150	
000100-41-4	100	125	100	125	
000112-24-3	NE	NE	NE	NE	

**LEGEND:** (M) MAX. EXPOSURE LIMIT; (S) OCCUPATIONAL EXP. LIMIT; (R) SUPPLIERS REC. LIMIT, (+) PERCUTANEOUS RISK  
NOTE 1: VALUES MEANINGFUL ONLY WHEN HARDENED PRODUCT IS ABRADED, GROUND, ETC.

**ENGINEERING CONTROLS:** NO SPECIFIC CONTROLS NEEDED. GENERAL AND LOCAL EXHAUST RECOMMENDED.

**RESPIRATORY PROTECTION:** NONE REQUIRED IN ADEQUATELY VENTILATED AREAS. IF CONCENTRATION EXCEEDS 20ppm FOR LONGER THAN 15 MINUTES, A NIOSH APPROVED RESPIRATOR FOR ORGANIC VAPORS IS RECOMMENDED.

**PROTECTIVE GLOVES:** NITRILE RUBBER.

**EYE PROTECTION:** SPLASH-PROOF GOGGLES OR CHEMICAL SAFETY GLASSES.

**OTHER PROTECTIVE EQUIPMENT:** LONG SLEEVED SHIRTS AND TROUSERS. EMERGENCY EYE WASH STATIONS SHOULD BE READILY ACCESSIBLE.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### APPEARANCE

**PHYSICAL STATE:** LIQUID

**COLOR:** AMBER

**ODOR:** AMMONIACAL

**pH:** NA

**MELTING POINT:** 0°C (32°F)

**FLAMMABLE LIMITS:** NOT AVAILABLE

**LOWER EXPLOSION LIMIT:** 1.1%

**UPPER EXPLOSION LIMIT:** 6.6%

**VAPOR PRESSURE:** 9 mmHg @25°C (77°F)

**VAPOR DENSITY:** NA

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (CON'T)

<b>BOILING POINT:</b> >132°C (>270°F)	<b>SPECIFIC GRAVITY:</b> 0.9-1.0
<b>FLASHPOINT:</b> 26.1°C (79°F) TCC	<b>SOLUBILITY IN WATER:</b> INSOLUBLE
<b>EVAPORATION RATE:</b> >1 (BUTYL ACETATE = 1)	<b>AUTO IGNITION TEMP:</b> NA
<b>COEFFICIENT OF WATER/OIL DISTRIBUTION:</b> ND	<b>% SOLIDS BY WT:</b> 70%
<b>% VOLATILES BY VOLUME:</b> 32%	

## SECTION 10: STABILITY AND REACTIVITY

**STABILITY:** STABLE

**CONDITIONS TO AVOID:** AVOID ELEVATED TEMPERATURES

**INCOMPATIBILITY (MATERIAL TO AVOID):** OXIDIZING AGENTS (PEROXIDES, NITRATES), ACIDS.

**HAZARDOUS DECOMPOSITION PRODUCTS:** NONE KNOWN

**HAZARDOUS POLYMERIZATION (REACTIVITY):** WILL NOT OCCUR

## SECTION 11: TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	DOSE	EXPOSURE
Xylene	LD50 ORAL	RAT	4300 mg/kg	-
	LC50 INHALATION GAS	RAT	5000 ppm	4Hrs
Ethylbenzene	LD50 ORAL	RAT	3500 mg/kg	-
	LC50 INHALATION GAS	RAT	4000 ppm	4Hrs

### IRRITATION/CORROSION

PRODUCT/INGREDIENT NAME	RESULT	SPECIES	EXPOSURE
Xylene	SKIN- MILD IRRITANT	RAT	8 HRS/ 60 microliters
	SKIN- MODERATE IRRITANT	RABBIT	24HRS/ 500 milligrams
Ethylbenzene	SKIN- MILD	RABBIT	24 HRS/ 15 milligrams
	EYE- SEVERE	RABBIT	500 milligram

### CARCINOGENICITY

PRODUCT/INGREDIENT NAME	OSHA	IARC	NTP
Ethylbenzene	-	2B	-
Xylene	-	3	-

## SECTION 12: ECOLOGICAL INFORMATION






PRODUCT/INGREDIENT NAME	RESULT	SPECIES	EXPOSURE
Ethylbenzene	LC50 96 hr – 32-97.1 mg/L	FRESHWATER FISH	96 Hrs

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## SECTION 13: DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL METHODS:** INCINERATION IS PREFERRED. COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. RCRA CLASSIFIED HAZARDOUS WASTE WITH CHARACTERISTIC OF IGNITABILITY.

## SECTION 14: TRANSPORT INFORMATION

	DOT CLASSIFICATION	TDG CLASSIFICATION	MEXICO CLASSIFICATION	IATA	IMDG
<b>UN NUMBER</b>	UN1263	UN1263	UN1263	UN1263	UN1263
<b>UN PROPER SHIPPING NAME</b>	PAINT	PAINT	PAINT	PAINT	PAINT
<b>TRANSPORT HAZARD CLASS(ES)</b>	3 	3 	3 	3 	3 
<b>PACKING GROUP</b>	III	III	III	III	III
<b>ENVIRONMENTAL HAZARD</b>	NO	NO	NO	NO	NO
<b>ADDITIONAL HAZARD</b>	Special provisions Not Applicable <b>ERG No.128</b>	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2. 18-2.19 (Class 3). <b>ERG No.128</b>	Special provisions (ERG#128) <b>ERG No.128</b>	Special provisions Not Applicable	Emergency schedules (EmS) F-E, S-E

## SECTION 15: REGULATORY INFORMATION

**MATERIAL VOC** = 277 gram/ liter

**COATING VOC** = 277 gram/liter

**TSCA (TOXIC SUBSTANCE CONTROL ACT):** ALL COMPONENTS ARE LISTED IN THE TSCA CHEMICAL SUBSTANCE INVENTORY.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT):** REPORTABLE QUANTITY, XYLENE 100 LBS.

**SARA TITLE III**

**SECTION 312 HAZARD CLASS:** IMMEDIATE (ACUTE) HEALTH HAZARD, DELAYED HEALTH HAZARD; FIRE HAZARD

**SECTION 313 LISTED INGREDIENTS:** XYLENE (CAS #001330-20-7), ETHYL BENZENE (CAS #000100-41-4), MANGANESE COMPOUNDS

**CALIFORNIA PROPOSITION 65:** The below list of compounds is known to the State of California to cause cancer, birth defects or other reproductive harm: CAS #000100-41-4 and CAS #001330-20-7

