

MATERIAL SAFETY DATA SHEET

NO. E119-2HR

Page 1 of 4

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

MANUFACTURER'S NAME / ADDRESS

FLAME CONTROL COATINGS LLC
4120 HYDE PARK BLVD.
NIAGARA FALLS, N.Y. 14305

TRADE NAME: NO. E119-2HR
COLOR: WHITE
MAIN USE: INTUMESCENT FIRE RETARDANT LATEX

EMERGENCY TELEPHONE NUMBER: 800-535-5053

ISSUE DATE: NOVEMBER 12, 2014

REVISION DATE:

PREPARED BY: A. MAHMOOD

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	Wt. %	CAS Number
1,3,5-TRIAZINE-2,4,6-TRIAMINE	5-10	000108-78-1
TITANIUM DIOXIDE	10-30	013463-67-7
DIETHYLENE GLYCOL MONOETHYL ETHER ACETATE	0-1.0	000112-15-2
PROPYLENE GLYCOL	0-1.0	000057-55-6

SECTION 3: HAZARDS IDENTIFICATION

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

HEALTH HAZARDS (ACUTE AND CHRONIC EXPOSURES)

EYES:

ACUTE – MAY CAUSE MILD IRRITATION WITH BLURRED VISION.

CHRONIC – ND

SKIN CONTACT:

ACUTE – TRANSIENT IRRITATION AND REDNESS

CHRONIC – ND

SKIN ABSORPTION:

ACUTE – ND

CHRONIC – ND

INHALATION:

ACUTE – INHALATION OF MISTS MAY CAUSE MILD RESPIRATORY TRACT IRRITATION.

CHRONIC – EXCESSIVE EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION OF EYES, NOSE AND THROAT.

INGESTION:

ACUTE – MAY CAUSE MILD IRRITATION OF GASTRO-INTESTINAL TRACT

CHRONIC – ND

CONDITIONS AGGRAVATED BY EXPOSURE: NONE KNOWN.

OVEREXPOSURE EFFECTS: IRRITATION

IRRITANCY: YES - REVERSIBLE

SENSITIZER: NO

SECTION 4: FIRST AID MEASURES

GENERAL: REMOVE AFFECTED PERSON FROM AREA. TREAT SYMPTOMATICALLY.

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

SKIN: WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

INHALATION: MOVE TO FRESH AIR. IF BREATHING REMAINS OR BECOMES LABORED, SEEK MEDICAL ATTENTION.

INGESTION: GIVE 3 – 4 GLASSES OF MILK OR WATER. **DO NOT INDUCE VOMITING.** SEEK MEDICAL ATTENTION.

MATERIAL SAFETY DATA SHEET

NO. E119-2HR

Page 2 of 4

SECTION 5: FIRE FIGHTING MEASURES

FLASH POINT: NA

CONDITIONS OF FLAMMABILITY: NA

FLAMMABLE LIMITS: LEL: NE UEL: NE

OSHA CLASS: NONE SHOWN

AUTO IGNITION TEMP.: NA

HAZARDOUS COMBUSTION PRODUCTS: CO, CO₂

SENSITIVITY TO IMPACT: NONE

SENSITIVITY TO STATIC DISCHARGE: NONE

EXTINGUISHING MEDIA: WATER, CO₂, DRY CHEMICAL

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: POLYMER FILM CAN BURN. MATERIAL CAN SPLATTER ABOVE 100°C.

SECTION 6: ACCIDENTAL RELEASE MEASURES

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

SECTION 7: HANDLING AND STORAGE

GENERAL: STORE IN COOL, WELL VENTILATED AREAS. KEEP AWAY FROM HEAT AND OPEN FLAMES. AVOID PROLONGED INHALATION OF HEATED VAPORS OR MISTS. AVOID PROLONGED SKIN CONTACT.

STORAGE: STORE BETWEEN 40°F AND 100°F PROTECTED FROM FROST AND DIRECT SUNLIGHT.

SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION

INGREDIENTS (CAS)	<u>EXPOSURE LIMITS (ppm)</u>				OTHER
	OSHA		ACGIH		
	TWA	STEL	TWA	TLV	
000108-78-1	NE	NE	NE	NE	
013463-67-7	10mg/m ³	ND	10mg/m ³	ND	(SEE NOTE 1)
000112-15-2	NE	NE	NE	NE	
000057-55-6	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.

