

MATERIAL SAFETY DATA SHEET

FLAME CONTROL NO. 70 CABLE MASTIC

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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. 70 CABLE MASTIC
COLOR: WHITE AND PASTEL TINTS
MAIN USE: INTUMESCENT FIRE RETARDANT MASTIC

EMERGENCY TELEPHONE NUMBER: 800-535-5053

INITIAL ISSUE DATE: NOVEMBER 12, 2011 RENEWAL DATE: JANUARY 1, 2015 PREPARED BY: J.W. ESSIG

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	5-10	013463-67-7
FIBROUS GLASS	5-10	065997-17-3
ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE	0.1-1.0	000112-07-2
ETHYLENE GLYCOL	1-5	000107-21-1

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.

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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. 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)
065997-17-3	5mg/m ³	ND	5mg/m ³	ND	(SEE NOTE 1)
000112-07-2	20	NE	20	NE	
000107-21-1	NE	125 mg/m ³	NE	100 mg/m ³	

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.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: >100°C (>212° F) **SPECIFIC GRAVITY:** 1.25-1.35
VAPOR PRESSURE: ND **MELTING POINT:** ND
VAPOR DENSITY: >1 (AIR = 1) **EVAPORATION RATE:** <1 (BUTYL ACETATE = 1)
SOLUBILITY IN WATER: DILUTABLE **pH:** 8.0 TO 11.5
COEFFICIENT of WATER/OIL DISTRIBUTION: ND **ODOR THRESHOLD:** ND
APPEARANCE AND ODOR: WHITE OR PASTEL PIGMENTED LIQUID, MILD ODOR
% VOLATILES BY VOLUME: 50% **% SOLIDS BY WEIGHT:** 62%

SECTION 10: STABILITY AND REACTIVITY

STABILITY: STABLE **CONDITIONS TO AVOID:** AVOID ELEVATED TEMPERATURES
INCOMPATIBILITY (MATERIAL TO AVOID): NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS: NONE KNOWN
HAZARDOUS POLYMERIZATION (REACTIVITY): WILL NOT OCCUR
CONDITIONS TO AVOID: KEEP FROM FREEZING

SECTION 11: TOXICOLOGICAL INFORMATION

CARCINOGENIC DATA: NTP: NONE **OSHA:** NONE **IARC:** NONE
TERATOGENICITY: NO **MUTAGENICITY:** NO
EMBRYOTOXICITY: NO **SYNERGISTIC MATERIAL:** NO

ACUTE TOXICITY EFFECTS: NA
LONG TERM EXPERIENCE OF THIS PRODUCT TYPE INDICATES NO DANGER TO HEALTH WHEN PROPERLY HANDLED UNDER INDUSTRIAL CONDITIONS.

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: NE **ECOTOXICITY:** NE

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS: AT THIS TIME, MATERIAL AND ITS CONTAINERS WOULD NOT BE CONSIDERED HAZARDOUS WASTE AS DEFINED UNDER RCRA REGULATIONS. CHECK FOR DISPOSAL COMPLIANCE UNDER FEDERAL, STATE AND LOCAL AUTHORITIES.

SECTION 14: TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: LIQUID LATEX, NOT REGULATED BY DOT **HAZARD CLASS:** NONE
PACKING GROUP: NOT APPLICABLE **UN NUMBER:** NOT APPLICABLE
IMO SHIPPING DATA: NOT REGULATED **ICAO/IATA SHIPPING DATA:** NOT REGULATED

SECTION 15: REGULATORY INFORMATION

MATERIAL VOC = 28 gram / liter **COATING VOC=** 52 gram/liter

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

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION and LIABILITY ACT): ND

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SECTION 15: REGULATORY INFORMATION (CON'T)

SARA TITLE III

SECTION 312 HAZARD CLASS: SLIGHT HEALTH HAZARD

SECTION 313 LISTED INGREDIENTS: ETHYLENE GLYCOL (CAS #00107-21-1), ETHYLENE GLYCOL MONOBUTYL ETHER ACETATE (CAS #000112-07-2)

CALIFORNIA PROPOSITION 65: The below list of compounds is known to the State of California to cause cancer, birth defects or other reproductive harm: NONE

SECTION 16: OTHER INFORMATION

HAZARD RATING

HMIS: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

LEGEND

ACGIH: AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGEIENISTS
OSHA: OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
STEL: SHORT TERM EXPOSURE LIMIT
TWA: TIME WEIGHTED AVERAGE
PEL: PERMISSABLE EXPOSURE LIMIT
TLV: THRESHOLD LIMIT VALUE
NA: NOT APPLICABLE
NE: NOT ESTABLISHED
ND: NO DATA

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