



AMERICAN COATINGS

MATERIAL SAFETY DATA SHEET

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NOTE: 16 SECTIONS

SECTION 1 – PRODUCT IDENTIFICATION

PRODUCT NUMBER: TH760

PRODUCT NAME: EPOXY THINNER

PRODUCT CLASS: SOLVENT/THINNER

SECTION 2 – HAZARDOUS INGREDIENTS

INGREDIENT (CAS #)	PERCENT	OCCUPATIONAL EXPOSURE LIMITS		VAPOR PRESSURE mm/Hg
		TLV-TWA	OSHA-PEL	
78-93-3 *METHYL ETHYL KETONE	40 %	200 ppm	200 ppm	71.2 @ 20° C
1330-20-7 *XYLENE	20 %	100 ppm	100 ppm	9.5 @ 20° C
71-36-3 *BUTANOL	40 %	50 ppm	50 ppm	4.4 @ 20° C

* ARE LISTED ABOVE IS SUBJECT TO THE REPORTING REQUIREMENTS OF
SECTION 313

**** NONE LISTED AS A CARCINOGEN IN NTP, IARC OR BY OSHA ****

SECTION 3 – HAZARDS IDENTIFICATION

EYES: IRRITATING TO THE EYE.

SKIN CONTACT: MAY CAUSE SEVERE IRRITATION. MAY CAUSE SENSITIZATION OR ALLERGIC REACTION. CAN BE ABSORBED THROUGH THE SKIN.

INHALATION: BREATHING HIGH VAPOR CONCENTRATIONS OR PROLONGED BREATHING OF LOWER CONCENTRATIONS CAN CAUSE NOSE AND THROAT IRRITATION AND MAY CAUSE HEADACHE, DIZZINESS, AND LOSS OF CONSCIOUSNESS.

INGESTION: LIQUID IS MODERATELY TOXIC AND MAY BE HARMFUL IF SWALLOWED. MAY PRODUCE CNS DEPRESSION.

PRIMARY ROUTE (S) OF ENTRY: SKIN CONTACT, INHALATION, INGESTION, AND EYE CONTACT

SECTION 4 – FIRST AID MEASURES

FIRST AID PROCEDURES:

EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. TAKE IMMEDIATELY TO A PHYSICIAN FOR MEDICAL TREATMENT.

SKIN CONTACT: WASH AFFECTED AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. CONSULT PHYSICIAN IF IRRITATION PERSISTS.

INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING, TREAT SYMPTOMATICALLY. CONSULT A PHYSICIAN.

INGESTION: DO NOT INDUCE VOMITING. IF VOMITING OCCURS SPONTANEOUSLY KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO THE LUNGS. GET MEDICAL ATTENTION.

CONTACT A PHYSICIAN OR POISON CONTROL IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION 5 – FIRE FIGHTING MEASURES

FLAMMABILITY CLASSIFICATION:

OSHA: FP < 73° F & BP => 100° F
FLAMMABLE LIQUID CLASS IB

LEL: 1.1

FLASH POINT (TCC) 45° F

EXTINGUISHING MEDIA:

FOAM: X ALCOHOL FOAM: X CO2: X WATER FOG: X OTHER:

FIRE & EXPLOSION HAZARD DATA: KEEP CONTAINERS TIGHTLY CLOSED.
ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT, AND OPEN FLAME. CLOSED
CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

FIRE FIGHTING PROCEDURES: WARNING FLAMMABLE. CLEAR FIRE AREA OF
UNPROTECTED PERSONNEL. DO NOT ENTER CONFINED FIRE SPACE WITHOUT FULL
BUNKER GEAR (HELMET WITH FACE SHIELD, BUNKER COATS, GLOVES AND RUBBER
BOOTS) INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED
BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: FLAMMABLE!
ELIMINATE ALL IGNITION SOURCES. WEAR APPROPRIATE RESPIRATOR AND
PROTECTIVE CLOTHING.

WASTE DISPOSAL METHOD: IN CASE OF SPILLAGE, ABSORB WITH INERT MATERIAL AND
DISPOSE OF IN ACCORDANCE WITH APPLICABLE REGULATION

SECTION 7 – HANDLING AND STORAGE

KEEP CONTAINER CLOSED, UPRIGHT WHEN NOT IN USE. STORE IN COOL, DRY, WELL-
VENTILATED AREA. AVOID PROLONGED STORAGE TEMPERATURES ABOVE 100° F. USE
CAUTION WHEN POURING. DO NOT WELD OR FLAME CUT ON EMPTY CONTAINER.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION: WEAR APPROPRIATE PROPERLY FITTED RESPIRATOR (NIOSH/OSHA APPROVED) DURING AND AFTER APPLICATION. MECHANICAL VENTILATION IS RECOMMENDED IF IN A CONFINED OR RESTRICTED AREA.

VENTILATION: USE WITH ADEQUATE VENTILATION. DO NOT BREATHE VAPORS OR SPRAY MIST.

PROTECTIVE GLOVES: USE OIL RESISTANT GLOVES IF CONTACT IS LIKELY

EYE PROTECTION: USE CHEMICAL SAFETY GOGGLES

OTHER PROTECTIVE EQUIPMENT: OIL RESISTANT APRON OR COVERALS, EMERGENCY EYE WASH AND SHOWER STATIONS.

HYGIENIC PRACTICES: WASH THOROUGHLY AFTER HANDLING. NON-STATIC CREATING CLOTHING AND CONDUCTIVE SHOES SHOULD BE WORN.

SECTION 9 – PHYSICAL AND CHEMICAL DATA

BOILING RANGE: 175° F – 285° F

WT./GALLON 6.85 #/GAL ± 0.2

EVAPORATION RATE:

FASTER: _____

SLOWER: XX

THAN ETHER

% VOLATILE VOLUME: 100 %

VAPOR DENSITY:

HEAVIER: XX

LIGHTER: _____

THAN AIR

MATERIAL VOC: 6.85 LB/GAL

SECTION 10 – STABILITY AND REACTIVITY DATA

STABILITY: STABLE XX UNSTABLE ____

HAZARDOUS POLYMERIZATION: MAY OCCUR ____ WILL NOT OCCUR XX

HAZARDOUS DECOMPOSITION PRODUCTS: CARBON MONOXIDE, CARBON DIOXIDE

CONDITIONS TO AVOID: HEAT, SPARKS, FLAME AND CONTACT WITH STRONG OXIDIZING AGENTS.

INCOMPATIBILITY (MATERIALS TO AVOID): OXIDIZING AGENTS

SECTION 11 – TOXICOLOGICAL PROPERTIES

SEE SECTION 2

SECTION 12 – ECOLOGICAL INFORMATION

NO INFORMATION AVAILABLE

SECTION 13 – DISPOSAL CONSIDERATIONS

EPA WASTE NO.: NONE

DISPOSAL METHOD: PLACE IN SEPARATE, APPROPRIATE, CLOSED CONTAINER IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. THIS MATERIAL HAS NOT BEEN TESTED BY TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP.)

SECTION 14 – TRANSPORTATION INFORMATION

DOT PROPER SHIPPING NAME: PAINT RELATED MATERIAL

DOT HAZARD CLASS: 3

HAZARD SUBCLASS: NA

DOT UN/N NUMBER: UN1263

PACKING GROUP: II

SECTION 15 – REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

OSHA: HAZARDOUS BY DEFINITION OF HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

INTERNATIONAL REGULATIONS:

CANADIAN WHMIS: THIS MSDS HAS BEEN PREPARED IN COMPLIANCE WITH CONTROLLED PRODUCT REGULATIONS EXCEPT THAT 16 SECTIONS WERE USED RATHER THAN THE 9 SECTIONS LISTED. CANADIAN WHMIS CLASS: NO INFORMATION AVAILABLE.

SECTION 16 – OTHER INFORMATION

HMIS: HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0

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