

TOLUENE

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3/25/2009PRODUCT NAME: TOLUENE
PRODUCT CODE: 2500FHMIS CODES: H F R P
2 3 0 X

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: FRANKLIN PAINT COMPANY INC.
ADDRESS : 259 COTTAGE ST.
FRANKLIN, MA 02038EMERGENCY PHONE : 1-800-255-3924 DATE PRINTED : 3/25/2009
INFORMATION PHONE : 508-528-0303 NAME OF PREPARER :

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT
		mm Hg @	TEMP	PERCENT
* TOLUENE	108-88-3	22	68 F	100
OSHA PEL 200 PPM - TWA 300 PPM - CEILING				
OSHA VPEL 100 PPM - TWA				
OSHA VPEL 150 PPM - STEL				
ACGIH TLV 50 PPM - TWA (SKIN)				
ACGIH TLV 150 PPM - STEL (SKIN)				

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE: 232 F SPECIFIC GRAVITY (H2O=1): .87
VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
COATING V.O.C.: 7.26 lb/gl MATERIAL V.O.C.: 7.26 lb/gl
SOLUBILITY IN WATER: NO
APPEARANCE AND ODOR: CLEAR WATER-WHITE LIQUID WITH AROMATIC HYDROCARBON ODOR

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT: 45 METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.2 UPPER: 7.0
EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER FOG, HALON

SPECIAL FIREFIGHTING PROCEDURES: WEAR FULL PROTECTIVE CLOTHING, INCLUDING SELF-CONTAINED BREATHING APPARATUS WHEN FIGHTING FULLY INVOLVED FIRES.

UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE KNOWN

===== SECTION V - REACTIVITY DATA =====

STABILITY: NORMALLY STABLE

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NORMAL COMBUSTION PRODUCTS, CARBON DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SYMPTOMS MAY INCLUDE: STOMACH OR INTESTINAL UPSET (NAUSEA, VOMITING, DIARRHEA) IRRITATION (NOSE, THROAT, AIRWAYS), CENTRAL NERVOUS SYSTEM DEPRESSION (DIZZINESS, DROWSINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS), LOSS OF APPETITE, LOSS OF COORDINATION, IRREGULAR HEARTBEAT, NARCOSIS (DAZED OR SLUGGISH FEELING), AND DEATH.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SKIN: MAY CAUSE SKIN IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY THE SKIN. SYMPTOMS MAY INCLUDE REDNESS, BURNING, DRYING AND CRACKING OF THE SKIN. EYE: MAY CAUSE EYE IRRITATION. SYMPTOMS MAY INCLUDE STINGING, TEARING, REDNESS AND SWELLING OF EYES.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: HAZARDOUS INGREDIENTS CONTAINED IN THIS PRODUCT HAVE THE CAPACITY TO BE ABSORBED THROUGH THE SKIN IN SUFFICIENT QUANTITIES TO CAUSE SYSTEMIC TOXICITY. SEE SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE. SECTION VIII CONTROL MEASURES.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: THIS MATERIAL MAY BE HARMFUL OR FATAL IF SWALLOWED. IRRITATING TO MOUTH, THROAT AND STOMACH.

HEALTH HAZARDS (ACUTE AND CHRONIC): REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

CARCINOGENICITY: NTP CARCINOGEN: NO

IARC MONOGRAPHS: NO

OSHA REGULATED: NO

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: EXISTING RESPIRATORY CONDITIONS.

EMERGENCY AND FIRST AID PROCEDURES: EYE CONTACT: FLUSH WITH WATER FOR AT LEAST 15 MINUTES. SEE A PHYSICIAN.

SKIN CONTACT: CLEAN EXPOSED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS SEE A PHYSICIAN.

INHALATION: MOVE SUBJECT TO FRESH AIR. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GIVE ARTIFICIAL RESPIRATION IF BREATHING HAS STOPPED. GET PROMPT MEDICAL

ATTENTION.

INGESTION: IF SWALLOWED GET MEDICAL ATTENTION.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: REMOVE SOURCES OF SPARK OR FLAME. COLLECT ON INERT ABSORBENT.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: DO NOT STORE ABOVE 120 DEGREES F. CONTENTS ARE EXTREMELY FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. VAPORS WILL ACCUMULATE READILY AND MAY IGNITE EXPLOSIVELY.

OTHER PRECAUTIONS: KEEP OUT OF THE REACH OF CHILDREN.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION: USE NIOSH APPROVED ORGANIC VAPOR/DUST RESPIRATOR IF VAPORS EXCEED TLV OR PEL

VENTILATION: LOCAL EXHAUST RECOMMENDED TO REDUCE EXPOSURE TO VAPORS. MAINTAIN GENERAL VENTILATION SUFFICIENT TO KEEP VAPOR LEVELS BELOW TLV, PEL AND LEL.

PROTECTIVE GLOVES: WEAR SOLVENT RESISTANT GLOVES.

EYE PROTECTION: WEAR CHEMICAL SPLASH GOGGLES.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: WEAR CLOTHING THAT PROTECTS ARMS FROM EXPOSURE.

WORK/HYGIENIC PRACTICES: WASH HANDS BEFORE EATING. WASH CONTAMINATED CLOTHING BEFORE REUSE. DISPOSE OF CONTAMINATED FOOTWARE.

===== SECTION IX - DISCLAIMER =====

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