

MATERIAL SAFETY DATA SHEET

FRANKLIN PAINT COMPANY INC.

BLACK HYDROPHAST TP

TT-P-1952 B&E

Date Printed: 6/28/2012

Date Revised:

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PRODUCT NAME: BLACK HYDROPHAST TP

PRODUCT CODE: 2023F

HMIS CODES: H F R P

2 1 0 X

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: FRANKLIN PAINT COMPANY INC.

ADDRESS : 259 COTTAGE STREET
FRANKLIN, MA 02038

EMERGENCY PHONE : 1-800-255-3924

DATE PRINTED : 6/28/2012

INFORMATION PHONE : 508-528-0303

NAME OF PREPARER :

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
CARBON BLACK	1333-86-4		1.80
TRIMETHYLPENTANEDIOL MONOISOBUTYRATE	25265-77-4	.01 68	1.42
NO EXPOSURE LIMITS ESTABLISHED			
* ETHYL ALCOHOL	64-17-5	57 68	1
OSHA PEL 1000 PPM-TWA			
ACGIH TLV 1000 PPM-TWA			

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING RANGE: 212 degrees F

SPECIFIC GRAVITY (H2O=1): 1.67

VAPOR DENSITY: HEAVIER THAN AIR

EVAPORATION RATE: SLOWER THAN ETHER

COATING V.O.C.: 0.5889 lb/gal

MATERIAL V.O.C.: 0.395 lb/gal

SOLUBILITY IN WATER: DILUTABLE

APPEARANCE AND ODOR: BLACK MILKY LIQUID WITH AMMONIA ODOR @ <1% BY WEIGHT

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: >200 degrees F

METHOD USED: SETA

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 0.6

UPPER: 4.2

EXTINGUISHING MEDIA: DRY CHEMICAL, CARBON DIOXIDE, FOAM, WATER FOG, HALON

SPECIAL FIREFIGHTING PROCEDURES: NO SPECIAL PROCEDURES

UNUSUAL FIRE AND EXPLOSION HAZARDS: THIS PRODUCT WILL NOT SUPPORT COMBUSTION
UNTIL ALL WATER HAS EVAPORATED

SECTION V - REACTIVITY DATA

STABILITY: NORMALLY STABLE

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CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: THERMAL DECOMPOSITION MAY YIELD ACRYLIC MONOMERS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE HEADACHE, NAUSEA AND DROWSINESS. IRRITATION OF NOSE, THROAT AND LUNGS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE SKIN AND EYE IRRITATION.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY CAUSE IRRITATION-ITCHING-DERMATITIS

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): Carbon Black:
THERE ARE NO WELL DEMONSTRATED HEALTH EFFECTS FROM EXPOSURE. ANY ADVERSE PROPERTIES ARE MOST LIKELY DUE TO ABSORBED IMPURITIES. EYE CONTACT MAY PRODUCE CONJUNCTIVITIS AND CORNEAL HYPOPLASIA. SKIN CONTACT CAN PRODUCE ECZEMA. INHALATION MAY RESULT IN BRONCHITIS. ANY REPORTED CARCINOGENIC EFFECTS ARE MOST LIKELY DUE TO THE PRESENCE OF TRACES OF POLYNUCLEAR AROMATIC COMPOUNDS (PNA) WHICH ARE STRONGLY ABSORBED ON THE CARBON BLACK PARTICLES. EVIDENCE INDICATES THAT SUCH ABSORPTION RENDERS THEM BIOLOGICALLY INACTIVE. SOME STUDIES HAVE LINKED EXPOSURE TO CARBON BLACK DUST TO LUNG EFFECTS. IARC CLASSIFIES CARBON BLACK AS A CATERGORY 2b CARCINOGEN (KNOWN ANIMAL CARCINOGEN, POSSIBLE HUMAN CARCINOGEN) BASED ON INHALATIOH STUDIES. HOWEVER , THE MANUFACTURES OF CARBON BLACK STATE THAT EPIDEMIOLOGICAL STUDIES OF WORKERS IN THE CARBON BLACK INDUSTRY IN THE U.S. AND W. EUROPE SHOW NO SIGNIFICANT ADVERSE EFFECTS DUE TO OCCUPATIONAL EXPOSURE.

THIS PRODUCT CONTAINS ETHYL ALCOHOL: WHICH HAS BEEN DENATURED BY THE ADDITION OF ADDITIVE(S) TO RENDER THE ALCOHOL UNFIT FOR HUMAN CONSUMPTION. THEREFORE, THIS PRODUCT SHOULD NOT BE USED AS AN ALCOHOLIC BEVERAGE.

CARCINOGENICITY: NTP CARCINOGEN: NO

IARC MONOGRAPHS: YES

OSHA REGULATED: NO

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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 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 BELOW 40 AND ABOVE 120 DEGREES F

OTHER PRECAUTIONS: KEEP OUT OF THE REACH OF CHILDREN.

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

RESPIRATORY PROTECTION:

IF VAPOR EXCEEDS TLV OR PEL USE NIOSH APPROVED AIR-PURIFYING RESPIRATORS EQUIPPED WITH ORGANIC VAPOR CARTRIDGES. AIR-PURIFYING RESPIRATORS SHOULD ALSO BE EQUIPPED WITH AN AMMONIA METHYLAMINE CARTRIDGE AND DUST/MIST FILTER

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 WATERPROOF 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

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BEFORE REUSE. DISPOSE OF CONTAMINATED FOOTWARE.

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

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