

MATERIAL SAFETY DATA SHEET

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MSDS Number: TUM9 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: TOUCH UP PAINT – BLACK
HMIS Ratings:
NFPA Ratings:

Other: THIS MSDS COMPLIES WITH OSHA 29 CFR 1910.1200 (THE HAZARD COMMUNICATIONS STANDARD)

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
MINERAL SPIRITS	64742-88-7	35 – 40	100 PPM	500 PPM*			
Notes	* STODDARD SOLVENT AS GUIDE						
ETHYL BENZENE	100-41-4	0.1 – 1	100 PPM	100 PPM			
Notes							
VMPNAPHTHA	64742-89-8	15 – 20	300 PPM	300 PPM			
Notes							
XYLOL (XYLENE)	1330-20-7	1 – 5	100 PPM	100 PPM			
Notes							
HIGH BOILING ALIPHATIC HYDROCARBON	64742-47-8	1 – 5	500 PPM	100 PPM			
Notes							
CARBON BLACK	1333-86-4	1 – 5	3.5 MG/CU.M.	3.5 MG/CU.M.			
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: SHORT TERM LIQUID OR VAPOR CONTACT MAY RESULT IN SLIGHT EYE IRRITATION. PROLONGED AND REPEATED CONTACT MAY BE MORE IRRITATING.

Skin: PROLONGED AND REPEATED LIQUID CONTACT CAN CAUSE DEFATTING AND DRYING OF SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS.

Ingestion: MAY RESULT IN VOMITING, ASPIRATION (BREATHING) OF VOMITUS INTO LUNGS MUST BE AVOIDED AS EVEN SMALL QUANTITIES IN THE LUNGS MAY RESULT IN CHEMICAL PNEUMONITIS AND PULMONARY EDEMA/HEMORRHAGE.

Inhalation: VAPORS OR MIST MAY CAUSE IRRITATION TO THE THROAT, MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. INHALATION OVEREXPOSURE CAN LEAD TO CENTRAL NERVOUS SYSTEM DEPRESSION PRODUCING EFFECTS SUCH AS HEADACHES, NAUSEA, DIZZINESS AND LOSS

OF CONSCIOUSNESS.

Other: PRIMARY ROUTES OF ENTRY: INHALATION AND SKIN CONTACT.
 CARCINOGENICITY:
 NTP? NO
 IARC? YES*
 OSHA REGULATED? NO

* ETHYL BENZENE COMPONENT IS AN IARC GROUP 2B–POSSIBLE CARCINOGEN. * CARBON BLACK COMPONENT IS AN IARC GROUP 2B–POSSIBLE CARCINOGEN.
 WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

IV. FIRST AID MEASURES

Eyes: WASH IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES WHILE HOLDING EYE LIDS OPEN. CALL A PHYSICIAN.

Skin: REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER THOROUGHLY. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION.

Ingestion: DO NOT INDUCE VOMITING. CALL A PHYSICIAN AT ONCE. IF VOMITING OCCURS, KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION OF LIQUID INTO LUNGS.

Inhalation: REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. GIVE ARTIFICIAL RESPIRATION IF NOT BREATHING. GET MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

Flash Point: 73°F

Test Method: SFCC

Lower Flammability Limit: 1.0 (IN AIR)

Upper Flammability Limit: 7.0 (IN AIR)

Extinguishing Agents: ALCOHOL RESISTANT FOAM, CARBON DIOXIDE, OR DRY CHEMICAL.

Unusual Fire or Explosion Hazards: COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY (FOG). VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO IGNITION SOURCE AND FLASH BACK. PRODUCT MAY FLOAT AND BE REIGNITED AT WATER'S SURFACE. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

Fire Fighting Procedures: CAUTION: FLAMMABLE
 A STREAM OF WATER COULD SPREAD FIRE. AVOID BREATHING VAPORS. KEEP PERSONNEL REMOVED FROM AND UPWIND OF FIRE. WEAR FULL PROTECTIVE EQUIPMENT: EYE/FACE SHIELD, BODY (FULL BUNKER GEAR), RESPIRATORY (SCBA).

Other: OSHA FLAMMABILITY CLASSIFICATION: FLAMMABLE LIQUID – CLASS IC

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:
 CAUTION: FLAMMABLE

CONTAIN SPILLED PRODUCT BY DIKING. ELIMINATE ALL POSSIBLE IGNITION SOURCES. PROVIDE ADEQUATE VENTILATION. EQUIP EMERGENCY RESPONDERS WITH APPROPRIATE PERSONAL PROTECTION EQUIPMENT. TAKE UP SPILL WITH AN ABSORBENT MATERIAL AND PLACE IN NON-LEAKING CONTAINER. SEAL CONTAINER FOR PROPER DISPOSAL.

VII. HANDLING AND STORAGE

Other: PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
READ ALL LABEL CAUTIONS. STORE AWAY FROM IGNITION SOURCES IN A COOL WELL VENTILATED AREA. HANDLE AS FLAMMABLE LIQUID. DO NOT DROP CONTAINER.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: CHEMICAL SAFETY SPLASH GOGGLES.

Skin: PROTECTIVE GLOVES: SOLVENT RESISTANT ARE RECOMMENDED FOR PROLONGED CONTACT.

Respiratory: AVOID PROLONGED OR REPEATED BREATHING OF VAPORS, MISTS AND/OR DUSTS. IF EXPOSURE MAY OR DOES EXCEED OCCUPATIONAL EXPOSURE LIMITS (SEE SECTION II) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR PURIFYING RESPIRATOR WITH APPROPRIATE CHEMICAL/MECHANICAL FILTERS.

Engineering: IF THE PRODUCT IS USED IN A CONFINED AREA, PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S). HEAVY SOLVENT VAPORS SHOULD BE REMOVED FROM THE LOWER LEVELS OF AREA, AND ALL IGNITION SOURCES (NON-EXPLOSION PROOF EQUIPMENT) SHOULD BE ELIMINATED IF FLAMMABLE MIXTURES WILL BE ENCOUNTERED.

Other: OTHER PROTECTIVE EQUIPMENT: EYE-WASH STATION. SAFETY SHOWER. RUBBER APRON. CHEMICAL SAFETY SHOES. PROTECTIVE CLOTHING.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 246 TO 404°F
Specific Gravity: .876 (H₂O = 1)
Vapor Pressure: 5.6 MM HG AT 20°C (CALC)
Vapor Density: HEAVIER THAN AIR
Volatile Content: 68.1 % (BY VOLUME)

Other: GALLON WEIGHT OF PRODUCT (LBS/GAL): 7.30
EVAPORATION RATE: SLOWER THAN ETHYL ETHER.

X. STABILITY AND REACTIVITY

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Hazardous Decomposition Products: CARBON MONOXIDE AND UNIDENTIFIED ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION

Incompatible Products: (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS

Conditions To Avoid: AVOID CONTACT WITH HEAT, SPARKS, HOT SURFACES, OPEN FLAMES, AND OTHER IGNITION SOURCES

XI. TOXICOLOGICAL INFORMATION

XII. ECOLOGICAL INFORMATION

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: DO NOT INCINERATE CLOSED CONTAINERS. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

XIV. TRANSPORT INFORMATION

XV. REGULATORY INFORMATION

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.