

MATERIAL SAFETY DATA SHEET

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MSDS Number: 3368521 ; 3368527 ; 3368533 ; 3368538 ; L3900 ; L4485 ;
 L4527 ; L5800 ; L6515 ; PA1NTBLUE ; PA1NTLTBLUE ;
 ; PA1NTMEDBLUE ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: INDUSTRIAL AEROSOL TOUCH UP PAINT
HMIS Ratings:

Health: Moderate(2)
 Flammability: Extreme(4)
 Instability/Reactivity: Minimal(0)

NFPA Ratings:

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
ACETONE	67-64-1	25 - 30	500 PPM	1000 PPM			
Notes							
PROPANE BLEND	74-98-6	25 - 30	1000 PPM	1000 PPM			
Notes							
ISOBUTYL ACETATE	110-19-0	10 - 15	150 PPM	150 PPM			
Notes							
VMPNAPHTHA	64742-89-8	5 - 10	300 PPM	300 PPM			
Notes							
METHYL ETHYL KETONE	78-93-3	1 - 5	200 PPM	200 PPM			
Notes							
ETHYLENE GLYCOL MONO BUTYL ETHER	111-76-2	1 - 5	25 PPM	50 PPM			
Notes							
ISOPROPYL ALCOHOL	67-63-0	1 - 5	400 PPM	400 PPM			
Notes	REGULATED BY AB2588 AIR TOXIC HOT SPOTS FOR WHICH EMISSIONS MUST BE QUANTIFIED.						
ETHYL ALCOHOL	64-17-5	1 - 5	1000 PPM	1000 PPM			
Notes							
PHENYLETHANE	100-41-4	>0.1	150 PPM	150 PPM			
Notes	TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III (DE MIN. 0.1%).						
TITANIUM DIOXIDE	13463-67-7	0.0 - 60	10 MG/M ³	15 MG/M ³			

<i>Notes</i>	MAY BE PRESENT IN VARYING QUANTITIES DEPENDING ON COLOR REGULATED BY OSHA					
CARBON BLACK	1333-86-4	0.0 - 40	7 MG/M ³	3.5 MG/M ³		
<i>Notes</i>	MAY BE PRESENT IN VARYING QUANTITIES DEPENDING ON COLOR REGULATED BY OSHA					

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

- Eyes:** MODERATE IRRITATION, TEARING OR BLURRED VISION.
- Skin:** SLIGHT IRRITATION, DRY SKIN, MINOR RASHES.
- Ingestion:** CAN CAUSE GASTROINTESTINAL IRRITATION, VOMITING, NAUSEA AND DIARRHEA.
- Inhalation:** MAY CAUSE NASAL IRRITATION, SNEEZING AND COUGHING.
- Signs and Symptoms of Exposure:** ACUTE: CAN CAUSE MODERATE SKIN IRRITATION, DEFATTING, DERMATITIS AND TINGLING SENSATION. CAN CAUSE MODERATE EYE IRRITATION, REDNESS, TEARING AND BLURRED VISION.
CHRONIC: MAY PRODUCE LIVER AND KIDNEY DAMAGE, PERSISTENT COUGHING, BRAIN DAMAGE AND MAY EVEN CAUSE DEATH.
- Other:** CARCINOGENICITY:
THIS PRODUCT CONTAINS:
PHENYLETHANE; CAS# 100-41-4
* CHEMICAL TITANIUM DIOXIDE; CAS# 13463-67-7
* CHEMICAL CARBON BLACK; CAS# 1333-86-4
INDICATES A CHEMICAL LISTED BY IARC 2B AS A POSSIBLE CARCINOGEN
* MAY BE PRESENT IN VARYING QUANTITIES DEPENDING ON COLOR.
PRIMARY ENTRY ROUTES OF EXPOSURE: DERMAL AND INHALATION

IV. FIRST AID MEASURES

- Eyes:** FLUSH WITH LARGE QUANTITIES OF WATER FOR 15 TO 30 MINUTES. GET MEDICAL ATTENTION.
- Skin:** WASH EXPOSED AREA WITH MILD SOAP AND WATER FOR 15 MINUTES. REMOVE CONTAMINATED CLOTHING.
- Ingestion:** DO NOT INDUCE VOMITING. KEEP VICTIM WARM AND SEEK IMMEDIATE MEDICAL ATTENTION.
- Inhalation:** REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING HAS STOPPED, GIVE ARTIFICIAL RESPIRATION. GET IMMEDIATE MEDICAL ATTENTION.

V. FIRE FIGHTING MEASURES

- Flash Point:** -154°F
- Test Method:** TCC
- Lower Flammability Limit:** 0.9 %
- Upper Flammability Limit:** 19 %
- Extinguishing Agents:** FOAM, ALCOHOL FOAM, CO₂, DRY CHEMICAL, WATER FOG

Unusual Fire or Explosion Hazards: HEAT WILL CAUSE EXPLOSION OF AEROSOL CONTAINER DUE TO INCREASED PRESSURE. PROPANE IS EXPLOSIVE WHEN EXPOSED TO FLAME. ISOLATE FROM HEAT, SPARKS, ELECTRICAL EQUIPMENT AND OPEN FLAME.

Fire Fighting Procedures: SELF-CONTAINED BREATHING APPARATUS WITH FULL FACE PIECE OPERATED IN A PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODES.

Other: FLAMMABILITY CLASSIFICATION: FLAMMABLE LIQUID (CLASS 1A)

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: FOLLOW INSTRUCTIONS TO PREVENT HEALTH HAZARDS. ELIMINATE ALL SOURCES OF IGNITION. COLLECT DAMAGED AEROSOLS AND USE ABSORBENT MATERIAL TO CLEAN UP LIQUID. PREVENT FROM SPREADING TO GROUND WATER. PLACE MATERIAL IN OVER PACK CONTAINER FOR DISPOSAL.

VII. HANDLING AND STORAGE

Other: STORE IN A COOL PLACE; EMPTIED CONTAINERS MAY RETAIN PRODUCT RESIDUALS (VAPORS, LIQUID, AND/OR SOLIDS). ALL PRECAUTIONS GIVEN IN THIS DATA SHEET MUST BE OBSERVED.
PRECAUTIONS: PROPANE MAY BE NARCOTIC IN HIGH CONCENTRATIONS. (OSHA TWA 1000 PPM; IDHL 2000 PPM; Z-1 TABLE) ACETONE-OSHA TWA: 1000 PPM, ACGIH TWA: 750 PPM, ACGIH STEL 1000 PPM. AEROSOL CONTAINER PRESSURE: 45 PSI @ 68°F; 100 PSI @ 130°F. PAINT AND SOLVENTS HAVE BEEN LINKED TO LIVER ABNORMALITIES, KIDNEY DAMAGE AND LUNG DAMAGE. FOLLOW PRECAUTIONS OF THIS DATA SHEET TO PREVENT EXPOSURE.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: DO NOT GET IN EYES. SOLVENT RESISTANT SAFETY EYEWEAR WITH SPLASH GUARDS OR SIDE SHIELDS IS RECOMMENDED.

Skin: PROTECTIVE GLOVES: WEAR RESISTANT GLOVES SUCH AS: POLYVINYL ALCOHOL COATED OR POLYETHYLENE.
OTHER PROTECTIVE EQUIPMENT: PREVENT REPEATED OR PROLONGED SKIN CONTACT, WEAR IMPERVIOUS CLOTHING AND WORK SHOES.

Respiratory: IF TLV OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH RESPIRATORS UNDER SPECIFIED CONDITIONS. (SEE YOUR SAFETY EQUIPMENT SUPPLIER). ENGINEERING OR ADMINISTRATIVE CONTROLS SHOULD BE IMPLEMENTED TO REDUCE EXPOSURE.

Engineering: VENTILATION: PROVIDE SUFFICIENT MECHANICAL (GENERAL AND/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV'S.

Other: HYGIENIC PRACTICES: WASH HANDS BEFORE EATING OR USING THE REST ROOM, SMOKE IN SMOKING AREAS ONLY.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: -44°F - 336°F
Specific Gravity: 0.765
Vapor Pressure: *(MMHG @ 20°C)
Vapor Density: HEAVIER THAN AIR
Volatile Content: % VOLATILE BY VOLUME: 94.530
% VOLATILE BY WT: 87.858
% SOLIDS BY VOLUME: 5.470
% SOLIDS BY WT: 12.142

% EXEMPT BY VOLUME 28.698
% EXEMPT BY WT: 29.741
VOC CONTENT:
EXCLUDING EXEMPT: 5.2 LB/GL 622 G/L
INCLUDING EXEMPT: 3.7 LB/GL 444 G/L
EXACT MATCH TOUCH UP: MAX VOC 88% VOC

Other:

* VAPOR PRESSURE FOR CHEMICAL INGREDIENTS
ACETONE: 185 MMHG
PROPANE BLEND: 8.6 MMHG
ISOBUTYL ACETATE: 13 MMHG
VM&P NAPHTHA: 10.2 MMHG
METHYL ETHYL KETONE: 70 MMHG
ETHYLENE GLYCOL MONO BUTYL ETHER: .9 MMHG
ISOPROPYL ALCOHOL: 33 MMHG
ETHYL ALCOHOL: 1.59
PHENYLETHANE: 7.1 MMHG
WEIGHT PER GALLON: 6.373 LB/GL
EVAPORATION RATE: SLOWER THAN ETHER

X. STABILITY AND REACTIVITY

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Hazardous Decomposition Products: MAY PRODUCE CARBON DIOXIDE AND/OR CARBON MONOXIDE.

Products:

Incompatible Products: AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

Conditions To Avoid: TEMPERATURES ABOVE 120°F

XI. TOXICOLOGICAL INFORMATION

XII. ECOLOGICAL INFORMATION

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: "DO NOT INCINERATE."
DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. AVOID PUNCTURE OF CONTAINERS.

XIV. TRANSPORT INFORMATION

United States: * GROUND FREIGHT ONLY

Proper Shipping Name: CONSUMER COMMODITY

Hazard Class Number and Description: ORM-D

UN Identification Number: NONE

Packing Group: N/A

Other: *AIR SHIPMENTS ARE SUBJECT TO SPECIFIC REQUIREMENTS. *ALWAYS CONSULT YOUR CARRIER BEFORE SHIPPING ANY QUANTITY.

XV. REGULATORY INFORMATION

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE EPA TSCA

TSCA Status: INVENTORY OR EXEMPT FROM NOTIFICATION.

EPA Sara Title III Chemical Listings: TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 (de min. 1.0%):
PHENYLETHANE; CAS# 100-41-0; % BY WT: >0.1.
A CHEMICAL REGULATED BY OSHA (OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION):
TITANIUM DIOXIDE; CAS# 13463-67-7; % BY WT: 0.0-60.
CARBON BLACK; CAS# 1333-86-4; % BY WT: 0.0-40.
A SUBSTANCE REGULATED BY AB2588 AIR TOXIC HOT SPOTS FOR WHICH EMISSIONS MUST BE QUANTIFIED:
ISOPROPYL ALCOHOL; 67-63-0; % BY WT: 1-5.

California: PROPOSTION 65: * THIS PRODUCT CONTAINS (A) CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.
* PHENYLETHANE; CAS# 100-41-4; 0.11%.
+ THIS PRODUCT CONTAIN(S) CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
+ TOLUENE; CAS# 108-88-3; 0.16%.

Other: CANADIAN ENVIRONMENTAL PROTECTION
ALL OF THE COMPONENTS OF THIS PRODUCT ARE APPROVED AND LISTED ON THE CANADIAN DOMESTIC SUBSTANCE LIST OR EXEMPT FROM NOTIFICATION REQUIREMENTS.

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.