



## Marking Paint - Alert Orange

### Material Safety Data Sheet

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act and shall not be used for any other purpose. Black Swan Manufacturing Co. urges the customers receiving this Material Safety Data Sheet to study it carefully to become aware of the hazards, if any, of the product involved. In the interest of safety, you should notify your employees, agents, and contractors of the information on the sheet.

<b>SECTION I - GENERAL INFORMATION</b>					
Black Swan Manufacturing Co. 4540 W. Thomas Street Chicago, IL 60651-3318 Telephone No: 1-773-227-3700 Fax No: 1-773-227-3705			For chemical emergencies during transportation only call <b>INFOTRAC</b> <b>1-800-535-5053</b> 24 hours per day - 7 days a week		
<b>Date Prepared</b> 01/01/08			<b>Trade Name</b> MARKING PAINT - ALERT ORANGE		
<b>SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION</b>					
<b>HAZARDOUS COMPONENTS</b>	<b>CAS#</b>	<b>APPROX%</b>	<b>ACGIH-TLV-TWA</b>	<b>OSHA-PEL-TWA</b>	
PROPANE	00074-98-6	20	1000 ppm	1000 ppm	
N-BUTANE	00106-97-8	15	800 ppm	800 ppm	
TOLUOL	00108-88-3	10	50 ppm	100 ppm	
XYLENE	01330-20-7	10	100 ppm	100 ppm	
VM&P NAPHTHA	64742-89-8	5	300 ppm	300 ppm	
HEXANE	00110-54-3	5	50 ppm	50 ppm	
TITANIUM DIOXIDE	13463-67-7	5	5 mg/m3	5 mg/m3	
ETHYL BENZENE	00100-41-4	5	100 ppm	100 ppm	
ACETONE	00067-64-1	5	500 ppm	750 ppm	

\*Title III Section 313 Supplier Notification: this product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency planning and community Right-to-Know Act of 1966 and of 40CFR372. This information must be included in all MSDS's that are copied and distributed for this material.

<p><b>SHIPPING INFORMATION</b></p> <p>CONSUMER COMMODITY ORM-D</p>	<b><u>SPECIAL HAZARD DESIGNATIONS</u></b>							
		<u>H</u>	<u>M</u>	<u>S</u>	<u>F</u>	<u>P</u>	<u>A</u>	<u>HAZARD RATING</u>
	HEALTH	1	1					0 - MINIMAL
	FLAMMABILITY	3	3					1- SLIGHT
	REACTIVITY	3	3					2- MODERATE
	PROTECTIVE EQUIPMENT	3	3					3- SERIOUS
		B					4- SEVERE	

**SECTION III - PHYSICAL DATA**

<p><b>APPEARANCE</b></p> <p>ORANGE LIQUID</p>	<p><b>ODOR</b></p> <p>AROMATIC</p>	<p><b>BOILING RANGE</b></p> <p>-44 TO 286° F</p>
<p><b>SPECIFIC GRAVITY (H2O=1)</b></p> <p>0.8459</p>	<p><b>VAPOR PRESSURE (mm Hg.)</b></p> <p>40 PSI</p>	<p><b>VOLATILE BY WEIGHT (%)</b></p> <p>52%</p>
<p><b>VAPOR DENSITY (AIR=1)</b></p> <p>IS HEAVIER THAN AIR.</p>	<p><b>EVAPORATION RATE (BUAC=1)</b></p> <p>IS FASTER THAN ETHER.</p>	<p><b>SOLUBILITY IN WATER</b></p> <p>SLIGHT</p>

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

<b>FLASH POINT ( METHOD USED)</b>	<b>FLAMMABLE LIMITS</b>	<b>LEL</b>	<b>UEL</b>
-9° F	(PERCENT BY VOLUME)	0.9%	12.8%

**FIRE EXTINGUISHING MEDIA**  
 WATER FOG, DRY CHEMICAL, CO2, ALCOHOL FOAM, FOAM

**SPECIAL FIRE FIGHTING PROCEDURES**  
 CONTAINERS CAN BUILD UP PRESSURE IF EXPOSED TO HEAT (FIRE). AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND (MSHA/NIOSH APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

**UNUSUAL FIRE AND EXPLOSION HAZARD**



STABLE	X
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**INCOMPATIBILITY (MATERIALS TO AVOID)**  
NO INFORMATION.

**HAZARDOUS DECOMPOSITION PRODUCTS**  
MAY PRODUCE HAZARDOUS FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON DIOXIDE AND/OR CARBON MONOXIDE.

HAZARDOUS POLYMERIZATION	MAY OCCUR		<b>CONDITIONS TO AVOID</b> DO NOT STORE ABOVE 120 DEG. F. KEEP AWAY FROM SPARKS, PILOT LIGHTS, AND /OR OPEN FLAMES.
	WILL NOT OCCUR	X	

**SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
ABSORB SPILL WITH INERT MATERIAL (E.G. DRY SAND OR EARTH), THEN PLACE IN A CHEMICAL WASTE CONTAINER.

**WASTE DISPOSAL METHOD**  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. DO NOT PUNCTURE, INCINERATE, OR COMPACT. EMPTY CONTAINERS MUST BE HANDLED WITH CARE DUE TO PRODUCT RESIDUE. DO NOT HEAT OR CUT EMPTY CONTAINERS WITH ELECTRIC OR GAS TORCHES.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (Specify type)**  
A NIOSH/MSHA APPROVED AIR PURIFYING RESPIRATOR WITH AN ORGANIC VAPOR CARTRIDGE OR CANISTER MAY BE PERMISSIBLE UNDER CERTAIN CIRCUMSTANCES WHERE AIRBORNE CONCENTRATIONS ARE EXPECTED TO EXCEED EXPOSURE LIMITS. PROTECTION PROVIDED BY AIR PURIFYING RESPIRATORS IS LIMITED. USE A POSITIVE PRESSURE AIR SUPPLIED RESPIRATOR IF THERE IS ANY POTENTIAL FOR AN UNCONTROLLED RELEASE, EXPOSURE LEVELS ARE NOT KNOWN, OR ANY OTHER CIRCUMSTANCES WHERE AIR PURIFYING RESPIRATORS MAY NOT PROVIDE ADEQUATE PROTECTION.

**VENTILATION**  
LOCAL EXHAUST VENTILATION MAY BE NECESSARY TO CONTROL ANY AIR CONTAMINATES TO WITHIN THEIR TLVS DURING THE USE OF THIS PRODUCT.

**PROTECTIVE GLOVES**

RUBBER OR NEOPRENE GLOVES SHOULD BE WORN FOR PROLONGED OR REPEATED CONTACT.

**EYE PROTECTION**

WEAR SAFETY GLASSES WITH SIDE SHIELDS (OR GOGGLES) AND A FACE SHIELD.

**OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES**

WHERE SPLASHING IS POSSIBLE, FULL CHEMICALLY RESISTANT PROTECTIVE CLOTHING (E.G. ACID SUIT) AND BOOTS ARE REQUIRED.

**SECTION IX - SPECIAL PRECAUTIONS****PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**

**HANDLING:** WASH THOROUGHLY AFTER HANDLING. USE WITH ADEQUATE VENTILATION. AVOID BREATHING VAPORS OR MIST. AVOID CONTACT WITH EYES, SKIN, AND CLOTHING.

**STORAGE:** KEEP AWAY FROM HEAT, SPARKS AND FLAME. CONTENTS UNDER PRESSURE. DO NOT STORE ABOVE 120° F.

This information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

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