



Marking Paint - Black

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.

SECTION I - GENERAL INFORMATION					
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 INFOTRAC 1-800-535-5053 24 hours per day - 7 days a week		
Date Prepared 01/01/08			Trade Name MARKING PAINT - BLACK		
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION					
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV-TWA	OSHA-PEL-TWA	
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	
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>SHIPPING INFORMATION</p> <p>CONSUMER COMMODITY ORM-D</p>	<p align="center">SPECIAL HAZARD DESIGNATIONS</p> <table border="1"> <thead> <tr> <th></th> <th>HMIS</th> <th>NFPA</th> <th>HAZARD RATING</th> </tr> </thead> <tbody> <tr> <td>HEALTH</td> <td>1</td> <td>1</td> <td>0 - MINIMAL</td> </tr> <tr> <td>FLAMMABILITY</td> <td>3</td> <td>3</td> <td>1- SLIGHT</td> </tr> <tr> <td>REACTIVITY</td> <td>3</td> <td>3</td> <td>2- MODERATE</td> </tr> <tr> <td>PROTECTIVE EQUIPMENT</td> <td>3</td> <td></td> <td>3- SERIOUS</td> </tr> <tr> <td></td> <td></td> <td>B</td> <td>4- SEVERE</td> </tr> </tbody> </table>				HMIS	NFPA	HAZARD RATING	HEALTH	1	1	0 - MINIMAL	FLAMMABILITY	3	3	1- SLIGHT	REACTIVITY	3	3	2- MODERATE	PROTECTIVE EQUIPMENT	3		3- SERIOUS			B	4- SEVERE
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<p align="center">SECTION III - PHYSICAL DATA</p>																											
<p>APPEARANCE</p> <p>BLACK LIQUID</p>	<p>ODOR</p> <p>AROMATIC</p>	<p>BOILING RANGE</p> <p>-44 TO 286° F</p>																									
<p>SPECIFIC GRAVITY (H2O=1)</p> <p>0.8335</p>	<p>VAPOR PRESSURE (mm Hg.)</p> <p>40 PSI</p>	<p>VOLATILE BY WEIGHT (%)</p> <p>52%</p>																									
<p>VAPOR DENSITY (AIR=1)</p> <p>IS HEAVIER THAN AIR.</p>	<p>EVAPORATION RATE (BUAC=1)</p> <p>IS FASTER THAN ETHER.</p>	<p>SOLUBILITY IN WATER</p> <p>SLIGHT</p>																									
<p align="center">SECTION IV - FIRE AND EXPLOSION HAZARD DATA</p>																											
<p>FLASH POINT (METHOD USED)</p>	<p>FLAMMABLE LIMITS</p>	<p>LEL</p>	<p>UEL</p>																								
<p>-9° F</p>	<p>(PERCENT BY VOLUME)</p>	<p>0.9%</p>	<p>12.8%</p>																								
<p>FIRE EXTINGUISHING MEDIA</p> <p>WATER FOG, DRY CHEMICAL, CO2, ALCOHOL FOAM, FOAM</p>																											
<p>SPECIAL FIRE FIGHTING PROCEDURES</p> <p>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.</p>																											
<p>UNUSUAL FIRE AND EXPLOSION HAZARD</p> <p>VAPORS MAY FORM EXPLOSIVE MIXTURE WITH AIR. FLAMMABILITY CLASSIFICATION, AS DEFINED BY 29 CFR 1910.1200: FLAMMABLE.</p>																											

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES OR ENTRY Inhalation Skin contact Eye contact Ingestion

EFFECT OF OVEREXPOSURE

INHALATION: HEADACHES, DIZZINESS, NAUSEA, DECREASED BLOOD PRESSURE, CHANGES IN HEART RATE AND CYANOSIS MAY RESULT FROM OVER-EXPOSURE TO VAPOR OR SKIN EXPOSURE. PROLONGED INHALATION MAY BE HARMFUL.

SKIN: CAUSES SKIN IRRITATION. ALLERGIC REACTIONS ARE POSSIBLE. PROLONGED OR REPEATED CONTACT CAN RESULT IN DEFATTING AND DRYING OF THE SKIN WHICH MAY RESULT IN SKIN IRRITATION AND DERMATITIS (RASH).

EYES: LIQUID, AEROSOLS AND VAPORS OF THIS PRODUCT ARE IRRITATING AND CAN CAUSE PAIN, TEARING, REDDENING AND SWELLING ACCOMPANIED BY A STINGING SENSATION AND/OR A FEELING LIKE THAT OF FINE DUST IN THE EYES.

INGESTION: THIS MATERIAL MAY BE HARMFUL OR FATAL IF SWALLOWED. IRRITATION TO MOUTH, THROAT AND STOMACH.

EMERGENCY AND FIRST AID PROCEDURES

EYES: IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION, IF IRRITATION PERSISTS.

SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION DEVELOPS OR PERSISTS.

INHALATION: RESCUERS SHOULD PUT ON APPROPRIATE PROTECTIVE GEAR. REMOVE FROM AREA OF EXPOSURE. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL ATTENTION.

INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE VICTIM A GLASS OF WATER OR MILK. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID DO NOT STORE ABOVE 120 DEG. F. KEEP AWAY FROM SPARKS, PILOT LIGHTS, AND/OR OPEN FLAMES.
	STABLE	X	

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		CONDITIONS TO AVOID 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

EYE PROTECTION

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

OR REPEATED CONTACT.

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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