



## NO-HUB SEALANT

### 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 NO-HUB SEALANT

**SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
ETHYL ALCOHOL	64-17-5	25-30	1000 ppm	1000 ppm
METHYL ALCOHOL	67-56-1	1-2	200 ppm	200 ppm
ETHYL ACETATE	141-78-6	<1	400 ppm	400 ppm
ACETONE	67-64-1	35-45	500 ppm	1000 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.

SHIPPING INFORMATION	SPECIAL HAZARD DESIGNATIONS																			
CONSUMER COMMODITY ORM-D	<table border="0"> <tr> <td></td> <td><u>HMS</u></td> <td><u>HAZARD RATING</u></td> </tr> <tr> <td>HEALTH</td> <td>1</td> <td>0 - MINIMAL</td> </tr> <tr> <td>FLAMMABILITY</td> <td>3</td> <td>1 - SLIGHT</td> </tr> <tr> <td>REACTIVITY</td> <td>0</td> <td>2 - MODERATE</td> </tr> <tr> <td>PROTECTIVE EQUIPMENT</td> <td>0</td> <td>3 - SERIOUS</td> </tr> <tr> <td></td> <td></td> <td>4 - SEVERE</td> </tr> </table>		<u>HMS</u>	<u>HAZARD RATING</u>	HEALTH	1	0 - MINIMAL	FLAMMABILITY	3	1 - SLIGHT	REACTIVITY	0	2 - MODERATE	PROTECTIVE EQUIPMENT	0	3 - SERIOUS			4 - SEVERE	
	<u>HMS</u>	<u>HAZARD RATING</u>																		
HEALTH	1	0 - MINIMAL																		
FLAMMABILITY	3	1 - SLIGHT																		
REACTIVITY	0	2 - MODERATE																		
PROTECTIVE EQUIPMENT	0	3 - SERIOUS																		
		4 - SEVERE																		

SECTION III - PHYSICAL DATA

<b>APPEARANCE</b> AMBER VISCOUS LIQUID	<b>ODOR</b> CHARACTERISTIC SOLVENT ODOR	<b>BOILING POINT</b> ABOUT 170°F
<b>SPECIFIC GRAVITY (H2O=1)</b> APPROX - 0.7	<b>VAPOR PRESSURE (mm Hg.)</b> N/A	<b>VOLATILE BY VOLUME (%)</b> 70
<b>VAPOR DENSITY (AIR=1)</b> >1	<b>EVAPORATION RATE (BUAC=1)</b> >1	<b>SOLUBILITY IN WATER</b> INSOLUBLE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
65°F (T.C.C.)	(PERCENT BY VOLUME)	0.9%	7.0%

**FIRE EXTINGUISHING MEDIA**  
 FOAM, CARBON DIOXIDE OR DRY CHEMICALS

**SPECIAL FIRE FIGHTING PROCEDURES**  
 WEAR SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING

**UNUSUAL FIRE AND EXPLOSION HAZARD**  
 VAPORS MAY TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES OR ENTRY  Inhalation  Skin contact  Eye contact  Ingestion

**EFFECT OF OVEREXPOSURE**  
 INHALATION: IT IS A RESPIRATORY TRACT AND ANESTHETIC AND OVER EXPOSURE CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

SKIN: MAY CAUSE SKIN IRRITATION AND DERMATITIS UPON PROLONGED OR REPEATED CONTACT.

EYES: MAY BE AN IRRITANT.

INGESTION: VOMITING

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

Any pre-existing heart or skin condition or an impaired lung function.

**EMERGENCY AND FIRST AID PROCEDURES**

EYES: FLUSH WITH LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES.  
CONSULT PHYSICIAN.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.

INHALATION: REMOVE TO FRESH AIR. IF BREATHING STOPS, BEGIN ARTIFICIAL RESPIRATION AND CONSULT PHYSICIAN.

**SECTION VI - REACTIVITY**

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	SPARKS, OPEN FLAMES, HOT SURFACES AND STRONG OXIDIZING AGENTS.

**INCOMPATIBILITY (MATERIALS TO AVOID)**  
STRONG OXIDIZING AGENTS, STRONG ACIDS.

**HAZARDOUS DECOMPOSITION PRODUCTS**  
CARBON MONOXIDE AND DIOXIDE

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	SPARKS, OPEN FLAMES OR HOT SURFACES

**SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**  
ABSORB ON SUITABLE INERT MATERIAL. REMOVE ALL SOURCES OF IGNITION.

**WASTE DISPOSAL METHOD**

DISPOSE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (Specify type)**

USE A NIOSH/MSHA APPROVED CARTRIDGE RESPIRATOR UNLESS AIR MONITORING DEMONSTRATES THAT VAPOR/MIST LEVELS ARE WITHIN APPLICABLE LIMITS.

**VENTILATION**  
MECHANICAL

**PROTECTIVE GLOVES**  
IMPERMEABLE GLOVES  
RECOMMENDED

**EYE PROTECTION**  
SAFETY GLASSES WITH SIDE SHIELDS OR  
CHEMICAL GOGGLES.

**OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES**  
AVAILABILITY OF EYE WASHES AND SAFETY SHOWERS IS RECOMMENDED.

**SECTION IX - SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING**  
KEEP AND STORE IN A COOL, DRY PLACE FROM SOURCES OF IGNITION. GROUND  
DURING TRANSFER.

**OTHER PRECAUTIONS**  
REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS MAY CAUSE BRAIN  
AND NERVOUS SYSTEM DAMAGE. CONCENTRATING AND INHALING THE CONTENTS  
MAY BE HARMFUL OR FATAL.

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.

**Black Swan Mfg. Co.** Telephone:773-227-3700 E-mail: [info@black-swanmfg.com](mailto:info@black-swanmfg.com)  
4540 W. Thomas Street Wats:800-252-5796 Web site:<http://www.black-swanmfg.com>  
Chicago, IL 60651-3318 Fax:773-227-3705