



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 style="width: 100%; border: none;"> <tr> <td style="padding: 2px;">HEALTH</td> <td style="padding: 2px;"><u>HMIS</u> 1</td> <td style="padding: 2px;"><u>HAZARD RATING</u> 0 - MINIMAL</td> </tr> <tr> <td style="padding: 2px;">FLAMMABILITY</td> <td style="padding: 2px;">3</td> <td style="padding: 2px;">1- SLIGHT</td> </tr> <tr> <td style="padding: 2px;">REACTIVITY</td> <td style="padding: 2px;">0</td> <td style="padding: 2px;">2- MODERATE</td> </tr> <tr> <td style="padding: 2px;">PROTECTIVE</td> <td style="padding: 2px;"></td> <td style="padding: 2px;">3- SERIOUS</td> </tr> <tr> <td style="padding: 2px;">EQUIPMENT</td> <td style="padding: 2px;">B</td> <td style="padding: 2px;">4- SEVERE</td> </tr> </table>	HEALTH	<u>HMIS</u> 1	<u>HAZARD RATING</u> 0 - MINIMAL	FLAMMABILITY	3	1- SLIGHT	REACTIVITY	0	2- MODERATE	PROTECTIVE		3- SERIOUS	EQUIPMENT	B	4- SEVERE			
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SECTION III - PHYSICAL DATA			
APPEARANCE AMBER VISCOUS LIQUID	ODOR CHARACTERISTIC SOLVENT ODOR	BOILING POINT ABOUT 170°F	
SPECIFIC GRAVITY (H2O=1) APPROX - 0.7	VAPOR PRESSURE (mm Hg.) N/A	VOLATILE BY VOLUME (%) 70	
VAPOR DENSITY (AIR=1) >1	EVAPORATION RATE (BUAC=1) >1	SOLUBILITY IN WATER 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 <input checked="" type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin contact <input type="checkbox"/> Eye contact <input checked="" type="checkbox"/> Ingestion			
EFFECT OF OVEREXPOSURE <p>INHALATION: IT IS A RESPIRATORY TRACT AND ANESTHETIC AND OVER EXPOSURE CAN CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.</p> <p>SKIN: MAY CAUSE SKIN IRRITATION AND DERMATITIS UPON PROLONGED OR REPEATED CONTACT.</p> <p>EYES: MAY BE AN IRRITANT.</p>			

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.

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