



Cold Shield

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 COLD SHIELD			
SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION				
HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
THIS PRODUCT IS NOT CLASSIFIED AS HAZARDOUS ACCORDING WITH OSHA 1910.1200				
<small>*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.</small>				
SHIPPING INFORMATION NOT HAZARDOUS FOR SHIPPING	<u>SPECIAL HAZARD DESIGNATIONS</u> <div style="display: flex; justify-content: space-around; align-items: flex-end;"> <div style="text-align: center;"> <small><u>HMIS</u></small> </div> <div style="text-align: center;"> <small><u>NFPA</u></small> </div> <div style="text-align: center;"> <small><u>HAZARD RATING</u></small> </div> </div>			

PURPOSES.	0HEALTH FLAMMABILITY REACTIVITY PROTECTIVE EQUIPMENT	0 0 0 0 A	0 0 0 A	0 - MINIMAL 1- SLIGHT 2- MODERATE 3- SERIOUS 4- SEVERE
SECTION III - PHYSICAL DATA				
APPEARANCE TRANSLUCENT GEL	ODOR MILD	BOILING POINT		
SPECIFIC GRAVITY (H2O=1) 1.0@60°F	VAPOR PRESSURE (mm Hg.) N/A	VOLATILE BY VOLUME (%) N/A		
VAPOR DENSITY (AIR=1) N/A	EVAPORATION RATE (BUAC=1) N/A	SOLUBILITY IN WATER 100%		
SECTION IV - FIRE AND EXPLOSION HAZARD DATA				
FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL	
NOT APPLICABLE	(PERCENT BY VOLUME)	N/A	N/A	
FIRE EXTINGUISHING MEDIA N/A				
SPECIAL FIRE FIGHTING PROCEDURES NONE				
UNUSUAL FIRE AND EXPLOSION HAZARD NONE				
SECTION V - HEALTH HAZARD DATA				
PRIMARY ROUTES OR ENTRY <input type="checkbox"/> X <input type="checkbox"/> Inhalation <input type="checkbox"/> X <input type="checkbox"/> Skin contact <input type="checkbox"/> Eye contact <input type="checkbox"/> X <input type="checkbox"/> Ingestion				
EFFECT OF OVEREXPOSURE <u>SKIN:</u> NEGLIGIBLE HAZARD. NOT A PRIMARY SKIN IRRITANT. LIQUID WITH pH 9.5.				

EYES: HAZARD EVALUATED VERY LOW.

INHALATION: HAZARD EVALUATED VERY LOW. MAY CAUSE SLIGHT IRRITATION OF THE THROAT.

INGESTION: HAZARD IS EXTREMELY LOW. MATERIAL IS CONSIDERED NON-TOXIC. NAUSEA AND DIARRHEA COULD OCCUR IN EXTREME CASES.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

NONE

EMERGENCY AND FIRST AID PROCEDURES

EYES: IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST 1 MINUTE. SEEK MEDICAL AID IF IRRITATION PERSISTS.

SKIN: FLUSH AFFECTED AREA AND WASH WITH WATER.

INHALATION: NEGLIGIBLE . REMOVE TO FRESH AIR AND GIVE CPR IF UNCONSCIOUS.

INGESTION: DRINK WATER. OBTAIN MEDICAL ATTENTION IF NECESSARY.

SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	NONE

INCOMPATIBILITY (MATERIALS TO AVOID)

NONE

HAZARDOUS DECOMPOSITION PRODUCTS

"NEGLIGIBLE" AMOUNTS OF CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	NONE

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

RINSE AFFECTED AREA WITH WATER.

WASTE DISPOSAL METHOD

DISPOSAL AS NON-HAZARDOUS WASTE IN ACCORDANCE WITH LOCAL REGULATIONS.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

NOT REQUIRED

VENTILATION

UNDER ORDINARY CONDITIONS OF USE FOR ITS INTENDED PURPOSE, NO SPECIAL VENTILATION IS REQUIRED.

PROTECTIVE GLOVES

WEAR IF THERE IS PROLONGED SKIN CONTACT.

EYE PROTECTION

WEAR IF NEEDED TO PREVENT REASONABLE PROBABILITY OF EYE CONTACT.

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

DO NOT INGEST, SPLASH INTO EYES, AND DO NOT INHALE FOR PROLONGED PERIODS. WASH HANDS AND CLOTHING AFTER USING IF THERE IS REASONABLE PROBABILITY OF CONTACT WITH THE PRODUCT.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN TEMPERATURES FROM 35°F TO 100°F IN CLOSED CONTAINERS TO PREVENT EVAPORATION AND DETERIORATION. FREEZING WILL DESTROY INTEGRITY OF THE GEL.

OTHER PRECAUTIONS

ALTHOUGH COMPONENTS HAVE LOW HAZARDS LEVELS, THE PRODUCT WILL REMOVE OILS FROM THE SKIN LIKE THE COMMON SOAP. AVOID PROLONGED SKIN CONTACT.

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.