



CLEAR CLEANER

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 contract ors 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 <p style="text-align: center;">01/01/08</p>	Trade Name <p style="text-align: center;">CLEAR CLEANER</p>

SECTION II - HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS#	APPROX%	ACGIH-TLV	OSHA-PEL
METHYL ETHYL KETONE*	78-93-3	3-13*	200PPM	200PPM
ACETONE	67-64-1	80-95	750 PPM	750PPM

*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

UNDER ONE GALLON SIZE

CONSUMER COMMODITY ORM-D

ONE GALLON SIZE AND ABOVE

SHIPPING NAME:

ADHESIVES, CONTAINING A FLAMMABLE LIQUID

HAZARD CLASS:

3

I.D. NUMBER:

UN1133

PACKING GROUP:

II

FREIGHT CLASS:

55

	<u>HMIS</u>	<u>NFPA</u>	<u>HAZARD</u>
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RATING

HEALTH	2	2	0 -
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MINIMAL

FLAMMABILITY	3	3	1-
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SLIGHT

REACTIVITY	0	1	2-
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MODERATE

PROTECTIVE	B-H		3-
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SERIOUS

EQUIPMENT			4-
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SEVERE

LABEL REQUIRED:

FLAMMABLE LIQUID

SECTION III - PHYSICAL DATA

APPEARANCE COLORLESS, THIN LIQUID	ODOR KETONE	BOILING POINT 133°F (57°C) Base on first boiling component: Acetone
SPECIFIC GRAVITY (H ₂ O=1) Typical 0.813 ± 0.040	VAPOR PRESSURE (mm Hg.) 190 mm Hg. based on first boiling component, Acetone @ 68°F (20°C)	VOLATILE BY VOLUME (%) 100%
VAPOR DENSITY (AIR=1) 2.0	EVAPORATION RATE (BUAC=1) 6-11	SOLUBILITY IN WATER Completely soluble in water.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL
-6°F (-21°C) T.C.C. Based on Acetone	(PERCENT BY VOLUME)	2.1	13.0

FIRE EXTINGUISHING MEDIA

ANSUL "PURPLE K" POTASSIUM BICARBONATE DRY CHEMICAL, ANY

APPROPRIATELY SIZED ABC DRY CHEMICAL, CARBON DIOXIDE OR FOAM EXTINGUISHER CAN BE USED FOR SMALL FIRES. USE OF WATER FOG BY TRAINED PERSONNEL CAN EXTINGUISH SMALL/LARGE FIRES.

SPECIAL FIRE FIGHTING PROCEDURES

EVACUATE ENCLOSED AREAS. STAY UPWIND. CLOSE QUARTERS OR CONFINED SPACES REQUIRE SELF-CONTAINED BREATHING APPARATUS, POSITIVE PRESSURE HOSE MASKS OR AIRLINE MASKS. USE OF WATER FOG BY TRAINED PERSONNEL CAN EXTINGUISH SMALL/LARGE FIRES AND AVOID WATER FLOW OR WATER STREAMS/SPRAY DISTRIBUTING BURNING MATERIAL OR CONTAMINATED WATER OVER LARGE AREA OR INTO SEWERS OR STORM DRAINS. USE WATER SPRAY TO COOL CONTAINERS, TO FLUSH SPILLS FROM SOURCE OF IGNITION AND DISPERSE VAPORS.

UNUSAL FIRE AND EXPLOSION HAZARD

FIRE HAZARD BECAUSE OF LOW FLASH POINT AND HIGH VOLATILITY. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL TO SOURCE (S) OF IGNITION AT OR NEAR GROUND OR LOWER LEVEL (S) AND FLASH BACK.

SECTION V - HEALTH HAZARD DATA

PRIMARY ROUTES OR ENTRY Inhalation Skin contact Eye contact
 Ingestion

EFFECT OF OVEREXPOSURE

INHALATION: SEVERE OVEREXPOSURE MAY RESULT IN NAUSEA, DIZZINESS, HEADACHE. CAN CAUSE DROWSINESS, IRRITATION OF EYES AND NASAL PASSAGES.

SKIN CONTACT: SKIN IRRITANT. LIQUID CONTACT MAY REMOVE NATURAL IN SKIN IRRITATION. DERMATITIS MAY OCCUR WITH PROLONGED CONTACT.

SKIN ABSORPTION: PROLONGED OR WIDESPREAD EXPOSURE MAY RESULT IN THE ABSORPTION OF HARMFUL AMOUNTS OF MATERIAL.

EYE CONTACT: OVEREXPOSURE MAY RESULT IN SEVERE EYE INJURY WITH CORNEAL OR CONJUCTIVAL INFLAMMATION ON CONTACT WITH THE LIQUID. VAPORS SLIGHTLY UNCOMFORTABLE.

INGESTION: MODERATELY TOXIC. MAY CAUSE NAUSEA, VOMITING, DIARRHEA. MAY CAUSE MENTAL SLUGGISHNESS.

CHRONIC: HIGH VAPOR CONCENTRATIONS MAY PRODUCE CNS DEPRESSION. DEPRESSION MAY BE EVIDENCED BY HEADACHE, DIZZINESS AND NAUSEA. ASPIRATED MATERIAL MAY CAUSE SEVERE LUNG DAMAGE AND PRESENT A SIGNIFICANT HAZARD.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYES, SKIN OR RESPIRATORY SYSTEM MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: IF OVERCOME BY VAPORS, REMOVE TO FRESH AIR AND IF BREATHING STOPPED, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL PHYSICIAN.

EYE CONTACT: FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES AND CALL A PHYSICIAN.

SKIN CONTACT: REMOVE CONTAMINATED CLOTHING AND SHOES. WASH SKIN WITH PLENTY OF SOAP AND WATER FOR AT LEAST 15 MINUTES. IF IRRITATION DEVELOPS, GET MEDICAL ATTENTION.

INGESTION: GIVE 1 OR 2 GLASSES OF WATER OR MILK. DO NOT INDUCE VOMITING. CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY.

SECTION VI - REACTIVITY

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCES IF IGNITION.

INCOMPATIBILITY (MATERIALS TO AVOID)

CAUSTICS, AMMONIA, INORGANIC ACIDS, CHLORINATED COMPOUNDS, STRONG OXIDIZERS AND ISOCYANATES.

HAZARDOUS DECOMPOSITION PRODUCTS

WHEN FORCED TO BURN, THIS PRODUCT GIVES OUT CARBON MONOXIDE AND CARBON DIOXIDE.

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCED OF IGNITION.

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

ELIMINATE ALL IGNITION SOURCES. AVOID BREATHING VAPORS. KEEP LIQUID OUT OF EYES. FLUSH WITH LARGE AMOUNT OF WATER. CONTAIN LIQUID WITH SAND OR EARTH. ABSORB WITH SAND OR NONFLAMMABLE ABSORBENT MATERIAL AND TRANSFER INTO STEEL DRUMS FOR RECOVERY OR DISPOSAL. PREVENT LIQUID FROM ENTERING DRAINS.

WASTE DISPOSAL METHOD

FOLLOW LOCAL, STATE AND FEDERAL REGULATIONS. CONSULT DISPOSAL EXPERT. CAN BE DISPOSED OF BY INCINERATION. EXCESSIVE QUANTITIES SHOULD NOT BE PERMITTED TO ENTER DRAINS. EMPTY CONTAINERS SHOULD BE AIR DRIED BEFORE DISPOSING. HAZARDOUS WASTE CODE (CA):214.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

ATMOSPHERIC LEVELS SHOULD BE MAINTAINED BELOW ESTABLISHED EXPOSURE LIMITS CONTAINED IN SECTION II. IF AIRBORNE CONCENTRATIONS EXCEED THOSE LIMITS, USE OF A NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR WITH FULL FACE-PIECE IS RECOMMENDED. THE EFFECTIVENESS OF AN AIR PURIFYING RESPIRATOR IS LIMITED. USE IT ONLY FOR A SINGLE SHORT-TERM EXPOSURE GUIDELINES MAY BE EXCEEDED, USE AN APPROVED POSITIVE PRESSURE SELF-CONTAINED BREATHING APPARATUS.

VENTILATION

USE ONLY WITH ADEQUATE VENTILATION. PROVIDE SUFFICIENT IN VOLUME AND PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE EXPOSURE LIMITS SET FORTH IN SECTION II. USE ONLY EXPLOSION PROOF VENTILATION EQUIPMENT.

PROTECTIVE GLOVES

RUBBER GLOVES

EYE PROTECTION

SPLASHPROOF CHEMICAL GOGGLES

OTHER PROTECTIVE EQUIPMENT AND HYGIENIC PRACTICES

IMPERVIOUS APRON AND A SOURCE OF RUNNING WATER TO FLUSH OR WASH THE EYES AND SKIN IN CASE OF CONTACT.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE IN THE SHADE BETWEEN 40°F -110°F (5°C –43.7°C). KEEP AWAY FROM HEAT, SPARKS, OPEN FLAME AND OTHER SOURCES OF IGNITION. AVOID PROLONGED BREATHING OF VAPOR. USE WITH ADEQUATE VENTILATION. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. TRAIN EMPLOYEES ON ALL SPECIAL HANDLING PROCEDURES BEFORE THEY WORK WITH THIS PRODUCT.

OTHER PRECAUTIONS

FOLLOW ALL PRECAUTIONARY INFORMATION GIVEN ON CONTAINER LABEL, PRODUCT BULLETINS AND OUR SOLVENT CEMENTING LITERATURE. ALL MATERIAL HANDLING EQUIPMENT SHOULD BE ELECTRICALLY GROUNDED.

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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