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## MATERIAL SAFETY DATA SHEET

### PRODUCT IDENTIFICATION

**POLAR SEAL TOP SECURITY/CHEMICAL NAME: AQUEOUS ACRYLIC PIGMENTED COATING**

FORMULATION: PROPRIETARY

MSDS DATE: 01/01/07 SUPERSEDES: 01/01/2006

NOT OSHA REGULATED  
NOT WHMIS CONTROLLED

		<u>SCALE</u>
TOXICITY	0	4=EXTREME
FIRE	0	3=HIGH
REACTIVITY	0	2=MODERATE
SPECIAL	0	1=SLIGHT

### DOT HAZARD CLASS

NON HAZARDOUS

### COMPOSITIONAL INFORMATION

	<u>APPROX.WT.%</u>	<u>TVL</u>
SKANE-M8 MICROBICIDE 2N OCTYL-4-ISOTHIAZOLIN-3-ONE	0.12%	NOT KNOWN
AMMONIA (NH4OH 28%)	LESS THAN 0.1%	

OTHER THAN THE BASE ACRYLIC EMULSION, THIS PRODUCT CONTAINS THE SIMILAR INGREDIENTS TO AN ACRYLIC LATEX PAINT.

### PHYSICAL PROPERTY INFORMATION

APPEARANCE – ODOR – PH:	WHITE OR COLORED PIGMENTED ACRYLIC COATING PH 8.5 TO 9.2 AND SLIGHT ODOR
MELTING OR FREEZING POINT:	SAME AS WATER
BOILING POINT:	212°
VAPOR PRESSURE (MM HG):	SLIGHTLY HIGHER THAN WATER
VAPOR DENSITY (AIR=1):	HEAVIER THAN AIR
SOLUBILITY IN WATER:	DILUTABLE
PERCENT VOLATILE (BY WEIGHT):	29.3%
SPECIFIC GRAVITY (WATER=1):	1.44
EVAPORATION RATE (BUTYL ACETATE=1):	SLOWER THAN WATER
VOLATILE ORGANIC COMPOUND	.92 LBS PER GALLON

### FIRE AND EXPLOSION HAZARD INFORMATION

FLASH POINT:	NA
AUTO IGNITION TEMPERATURE:	NA
LOWER EXPLOSION LIMIT (%):	NA
UPPER EXOLOSION LIMIT (%):	NA
EXTINGUISHING MEDIA:	CO2, FOAM, DRY CHEMICAL, WATER SPRAY OR FOG
SPECIAL FIRE FIGHTING PROCEDURES:	NON COMBUSTIBLE AS PACKAGED. USE MESA/NIOSH APPROVED BREATHING EQUIPMENT.
USUAL FIRE AND EXPLOSION HAZARDS:	LIQUID PRODUCT WILL NOT BURN BUT MAY SPLATTER IF TEMPERATURE EXCEEDS BOILING POINT. DRY FILMS ARE CAPABLE OF BURNING, ALUMINUM TREHYDRATE RETARDS FIRE SPREAD. BURNING FILMS GIVE OFF CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN.

## **HEALTH HAZARD INFORMATION**

EXPOSURE LIMITS	NON HAZARDOUS, OSHA PERMISSIBLE EXPOSURE LIMIT (PEL) AND THRESHOLD LIMIT VALUE (ACGIH) ARE NOT PPLICABLE
SWALLOWING AND SKIN ABSORBTION; INHALATION	NOT ANTICIPATED TO BE HAZARDOUS PROLONGED EXPOSURE IN POORLY VENTELATED AREAS MAY CAUSE SKIN AND EYE IRRITATION
SKIN CONTACT	PROLONGED CONTACT MAY CAUSE SLIGHT IRRITATION OF THE SKIN, FOR THOSE WITH SENSITIVE SKIN.
EYE CONTACT	PROLONGED OR DIRECT CONTACT MAY CAUSE EYE IRRITATION.

## **EMERGENCY AND FIRST AID PROCEDURES**

<u>SWALLOWING:</u>	NO HARMFUL EFFECTS EXPECTED
<u>INHALATION:</u>	PROLONGED EXPOSURE IN POORLY VENTELATED AREAS MAY CAUSE SKIN AND EYE IRRITATION
<u>EYES &amp; SKIN:</u>	FLUSH EYES WITH LARGE AMOUNTS OF WATER, IF IRRITATION PERSISTS CONSULT PHYSICIAN. REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATER
<u>NOTES TO HYSICIAN:</u>	TOXICOLOGY STUDIES OF SIMILAR MATERIAL HAVE SHOWN THE MATERIAL TO BE VERY LOW ACUTE TOXICITY. THERE IS NO SPECIFIC ANTIDOTE. TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL CONDITION.

## **REACTIVITY INFORMATION**

STABILITY:	STABLE
CONDITIONS TO AVOID:	NONE KNOWN
HAZARDOUS DECOMPOSITION PRODUCTS:	WILL NOT OCCUR
HAZARDOUS POLYMERIZATION:	WILL NOT OCCUR
INCOMPATIBILITY (MATERIALS TO AVOID):	NONE KNOWN

## **SPILL OR LEAK PROCEDURE INFORMATION**

KEEP SPECTATORS AWAY-SURFACE MAY BE SLIPPERY; USE CARE TO AVOID FALLING. DIKE AND CONTAIN SPILL WITH INERT MATERIAL (E.G. SAND, EARTH). ALLOW MATERIAL TO DRY. FLUSH WITH WATER IF NECESSARY. FOR DISPOSAL OF SOLIDS IN LAND FILLS, GO BY LOCAL, STATE AND FEDERAL REGULATIONS.

## **SPECIAL PROTECTION INFORMATION**

VENTILATION TYPE:	NONE NEEDED
RESPIRATORY PROTECTION:	NONE NEEDED WHEN USED IN ROOFING APPLICATIONS
PROTECTIVE GLOVES:	IMPERVIOUS
EYE PROTECTION:	CHEMICAL SPLASH GOGGLES IF APPLYING OVERHEAD
OTHER PROTECTIVE EQUIPMENT:	NONE NEEDED

## **STORAGE AND HANDLING INFORMATION**

STORAGE TEMPERATURE:	MAX. 100°F - MIN. 50°F
INDOOR:	YES
HEATED:	YES
REFRIGERATED:	NO

STORE OUT OF DIRECT SUNLIGHT FOR LONG PERIODS OF TIME. KEEP FROM FREEZING-STORE IN TEMPERATURES 50°F TO 100°F.

## **TOXICITY INFORMATION**

NONE REQUIRED

## **MISCELLANEOUS INFORMATION**

NONE