

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: RAINGUARD VandlGuard, VandlGuardONE, VandlGuardFIVE,
VandlGuardTEN and VandlGuard Finish Coat

HMIS CODE: Health 2
Flammability 0
Reactivity 0
Personal Protection X

SECTION I MANUFACTURER INFORMATION

MANUFACTURER: RAINGUARD INTERNATIONAL
ADDRESS: 1079 Culpepper Drive, Conyers GA 30094
EMERGENCY PHONE: CHEMTREC (800) 424-9300
INFORMATION PHONE: (949) 675-2811
NAME OF PREPARER: Regulatory Department.
EFFECTIVE DATE: August 1, 2008

SECTION II REPORTABLE COMPONENTS/SARA III INFORMATION

This product has been reviewed according to EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) as well as the California Safe Drinking Water and Toxic Enforcement Act of 1986 and is considered, under applicable definitions, to meet the following categories:

SARA Section 313: Toxic Substances Control Act: California Proposition 65

NO DETECTABLE AMOUNTS OF ANY CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM ARE PRESENT IN THIS PRODUCT.

The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER
Water	7732-18-5
Latex Polymer Solids	25133-98-6
Hydrogenated Fish Glycosides	68424-59-9
Paraffin Wax	8002-74-2
Ester Plasticizer	Proprietary

The following non-hazardous ingredients are present in the product at greater than 5%:

CHEMICAL NAME	CAS NUMBER
Water	7732-18-5
Latex Polymer Solids	25133-98-8

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SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (760 mm HG):	>212° F
SPECIFIC GRAVITY (H2O = 1):	1.034
VAPOR DENSITY (AIR = 1):	>1 Heavier than air
EVAPORATION RATE (Bu Ac = 1):	< 1
APPEARANCE AND ODOR:	White liquid with ammonia odor
SOLUBILITY IN WATER:	100%
% VOLATILE BY VOLUME:	Nil

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	>212 F
METHOD USED:	N/A
AUTO IGNITION TEMPERATURE:	N/D
FLAMMABLE LIMITS IN AIR BY VOLUME:	LEL: N/A UEL: N/A
EXTINGUISHING MEDIA	CO2, dry chemical, water fog.

SPECIAL FIREFIGHTING PROCEDURES

If water is used, fog nozzles are preferable. Cool closed containers with water to avoid pressure build-up. As in any fire, prevent human exposure to fire, smoke, fumes or products of combustion. Firefighters should wear full-face, self-contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may rupture and leak when exposed to extreme heat.

SECTION V REACTIVITY DATA

STABILITY	Stable under normal conditions.
CONDITIONS TO AVOID	High temperatures or extreme heat.
INCOMPATIBILITY(MATERIALS TO AVOID)	None
HAZARDOUS DECOMPOSITION OR BYPRODUCTS	Burning can produce carbon monoxide and traces of oxides of nitrogen.
HAZARDOUS POLYMERIZATION	Will not occur.

SECTION VI HEALTH HAZARD DATA

INHALATION HEALTH RISK & SYMPTOMS OF EXPOSURE	Inhalation exposure of vapors and mists may cause irritation of the mucus membranes of the mouth, throat and respiratory tract.
SKIN CONTACT HEALTH RISKS & SYMPTOMS OF EXPOSURE	Skin contact may cause irritation.
EYE CONTACT HEALTH RISKS & SYMPTOMS OF EXPOSURE	Eye contact may cause irritation.
INGESTION HEALTH RISKS & SYMPTOMS OF EXPOSURE	Ingestion may cause vomiting.

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HEALTH HAZARDS (ACUTE AND CHRONIC)

The proper use of this paint product does not present any serious health hazards known to the manufacturer.

CARCINOGENICITY

NTP Carcinogenic: No IARC Monographs: No OSHA Related: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Pre-existing skin, eye and respiratory diseases may be aggravated by exposure to this product.

SECTION VII FIRST AID PROCEDURES

INHALATION	Remove victim to fresh air.
INGESTION	Never give an unconscious person anything to drink. Seek immediate medical attention.
SKIN CONTACT	Wash exposed areas with soap and water.
EYES	Flush eyes and eyelids with running water for at least 15 minutes while holding eyelids apart. Seek immediate medical attention.
EFFECTS OF OVEREXPOSURE	None Reported
ACUTE OVEREXPOSURE	None Reported
CHRONIC OVEREXPOSURE	None Reported

SECTION VIII PRECAUTIONS FOR SAFE HANDLING AND USE

Control the source of the spill. Dike and soak up spill with absorbent material such as sand or Fuller's earth. Recover free liquid and absorbent material from spill area and shovel or broom into appropriate waste containers for proper disposal. Persons performing clean up should wear adequate personal protective equipment and clothing. **CAUTION! SPILL AREA MAY BE SLIPPERY. SPILL AREA SHOULD THEN BE FLUSHED WITH WATER.** Observe all local, state and federal laws and regulations regarding spills, clean up, removal, discharge and disposal.

WASTE DISPOSAL METHOD	Do not contaminate any lakes, streams, ponds or underground water supplies. Dispose of waste materials in accordance with all federal, state, and local health, safety and environmental regulations.
HANDLING AND STORING	Keep containers tightly closed when not in use. Store in a cool dry place with adequate ventilation. Practice good housekeeping to avoid contact and breathing of vapors. Keep materials out of the reach of children.

SECTION IX CONTROL MEASURES

Recommendations described in this section are provided as general guidance for minimizing exposure when handling this product. Because use conditions will vary depending upon customer applications, a person knowledgeable of the intended use, working conditions and equipment, should develop specific safe handling procedures.

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RESPIRATORY PROTECTION	Use in a well ventilated and or an open area. Use appropriate NOISH approved organic vapor cartridge respirator when occupational exposure limits may be exceeded.
VENTILATION	Use adequate ventilation to keep airborne vapor concentrations below exposure limits.
PROTECTIVE GLOVES	Rubber or plastic gloves are recommended.
EYE PROTECTION	Approved chemical resistant splash goggles.
OTHER CLOTHING/EQUIP	Long sleeve clothing selected for use with regard to exposure potential is recommended. Emergency eyewash and quick-drench shower facilities protected from freezing.
WORK/HYGIENIC PRACTICES	Wash hands and face before eating or smoking.

SECTION X DISCLAIMER

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