

MATERIAL SAFETY DATA SHEET
RETROGUARD - PREMIUM CONCRETE SEALER
Water-Based copolymer

Section I - Product Identification

Product Name:

RetroGuard

Supplied by:

Advanced Floor Products – P.O. Box 50533 Provo, UT. 84605

EMERGENCY TELEPHONE NUMBER:

800-535-5053 (Infotrac)

Section II - Components

<u>Ingredient</u>	<u>CAS#</u>	<u>NFPA CODE</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Proprietary Ingredient A	N/A	---	*	1 mg/m ³ *
Proprietary Ingredient B	N/A	---		Not established
Proprietary Ingredient C	N/A	---		Not established

(a) The specific product is not identified due to “Trade Secret” status. In emergency situations further information may be obtained by the on-duty physician calling the emergency information number listed above. Reference 29 CFR 1910-1200 and/or 40 CFR 350.

* The ACGIH Threshold Limit Value (TLV) has not been established nor has OSHA established the Permissible Exposure Limit (PEL) for this product, therefore the limits described have been established as guidelines by the manufacturer.

Section III - Health Hazard Data

Primary Routes of Exposure: skin, eyes, inhalation, ingestion

Carcinogen Information: Not listed (OSHA, IARC, NTP)

Effects of overexposure:

Eye contact: Contact with eyes may cause pain and irritation.

Skin contact: Contact with skin may cause irritation, dermatitis.

Inhalation: Inhalation of mists or vapors may cause irritation to upper respiratory tract and mucous membranes.

Ingestion: Irritating to digestive tract; may cause gastric distress, stomach pains.

Section IV - Emergency First Aid Procedures

Eye contact: Remove contact lenses. Immediately flush eyes for 15 minutes in clear running water while holding eyelids open; seek medical attention immediately.

Skin contact: Wash contacted area with soap and water; DO NOT attempt to neutralize with chemical agents; if irritation persists, seek medical attention.

Inhalation: Remove affected person to fresh air; wash mouth and nasal passages with water repeatedly; if breathing difficulties persist seek medical attention.

Ingestion: Drink large quantities of water or milk; DO NOT induce vomiting; seek medical attention immediately.

Section V - Fire and Explosion Data

Flash Point (method): Non-flammable

Flammable limits: LEL: not applicable UEL: not applicable

Extinguishing Agents: Water, chemical foam, carbon dioxide (CO₂), dry chemical, water fog.

Fire fighting procedures: Keep containers cool with water spray to prevent container rupture due to steam buildup; floor will become slippery if material is released. Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes.

Special fire fighting procedures / Unusual fire and explosion hazards: None

Section VI - Accidental Release Measures

Spill, leak, waste disposal procedures: Material is alkaline and will irritate the eyes if product is allowed to directly contact the eyes. Wash small spills to sanitary sewer. Large spills – confine spill, soak up with approved absorbent, shovel product into approved container for disposal.

Waste disposal methods: Dispose of in accordance with Local, State, and Federal Regulations. Refer to “40 CFR Protection of Environment Parts 260-299” for complete waste disposal regulations for alkaline materials. Consult your Local, State, and Federal Environmental Protection Agency before disposing of any chemicals.

Section VII - Handling and Storage

Store out of the reach of children. Keep container closed. **Avoid Freezing** or extreme temperatures. Avoid generating mists during application.

Work practices: Proper work practices and planning should be utilized to avoid contact with workers, passerby, and non-masonry surfaces. Always follow published application rates. See the Product Data sheet and label for specific precautions to be taken during use. Smoking, eating and drinking should be prohibited during the use of this product. Wash hands before breaks and at the end of a shift.

Section VIII - Exposure Control and Personal Protection

Ventilation: The use of local exhaust ventilation is recommended. Use corrosion-resistant ventilation equipment.

Respiratory protection: None required while threshold limits are kept below maximum allowable concentrations, if TWA exceeds limits, NOISH approved respirator must be worn. Refer to 29 CFR 1910.134 or European Standard EN 149 for complete regulations. If mists are present, wear a NOISH approved dist/mist respirator.

Protective gloves: Neoprene or rubber gloves with cuffs as needed to prevent prolonged exposure.

Protective clothing: Coveralls, apron or other equipment as needed to minimize skin contact.

Eye Protection: Safety glasses with side shields. Depending on application condition, chemical splash goggles or a face shield may be necessary to prevent eye contact.

Other protective equipment: Provide eyewash and clean water for rinsing skin.

Section IX - Physical/Chemical Characteristics

Appearance: Milky white liquid

Specific Gravity: 1.11

Vapor Pressure (mm Hg): 17 (@ 20 C)

Vapor Density (Air = 1): <1

Boiling Point (F): 212 (100 C)

Freezing Point (F): 32 (0 C)

pH: 11.5

Water Solubility: Appreciable (>95%)

Odor: Practically odorless

Section X – Reactivity Data

Stability: Stable

Conditions to avoid: Extreme temperatures, **keep from freezing**

Incompatibility (materials to avoid): strong oxidizers, strong acids

Hazardous combustion or decomposition products: Smoke fumes, oxides of carbon. Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon and lithium, hydrocarbons, fumes, and smoke may be produced.

Section XI – Regulatory Information

Shipping: Non-regulated for shipment in all modes; domestic or international.

National Motor Freight Classification:

SARA 313 REPORTABLE:

<u>Chemical name</u>	<u>CAS</u>	<u>Upperbound concentration % by weight</u>
None	--	--

California Proposition 65: Contains no chemicals known to the State of California to cause cancer or reproductive risk.

Section XII - Other

MSDS Status: Date of Revision: February 06, 2008

Section XIII – Disclaimer

The information contained in this Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. **Advanced Floor Products, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.** This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for this unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize themselves with all applicable regulations.