

IAQ 6040™

Mold Resistant Sealant



Product Description

8363-Violet

IAQ 6040 is a low-viscosity, translucent violet sealant designed to seal new construction materials and resist fungal growth. This specially formulated, water-based coating contains EPA-registered antimicrobials that inhibit the growth of mold on the surface of the cured film. The low-viscosity 100% acrylic formula is easy to apply, and the translucent finish will not block the appearance of treated building materials. IAQ 6040 can be used on wood, OSB, wallboard, concrete and other construction materials to withstand the moist, humid conditions that provide the ideal environment for fungal growth.

Application Information

SURFACE PREPARATION

Warning! If you scrape, sand, or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Carefully clean up with a wet mop and HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to www.epa.gov/lead.

Surfaces to be coated must be free of dust, mildew, mold, dirt, grease, loose paint, oil, glue size, calcimine, wax, soap and other surface contamination. Clean mold-contaminated surfaces with IAQ 1000, or use an EPA registered antimicrobial disinfectant cleaner such as IAQ 2000, IAQ 2500, ShockWave or ShockWaveRTU.

APPLICATION TOOLS

Apply IAQ 6040 with airless spray equipment, brush or roller.

TOOLS

Brush: Synthetic, nylon or polyester bristle
 Roller: Synthetic Fiber 3/8" nap or longer
 Spray Settings:
 Pressure: 1300-2000 P.S.I.
 Tips: .015 to .021 tips

PRODUCT APPLICATION

IAQ 6040 is supplied ready to use, but can be thinned sparingly with water (up to 1/2 pint water per gallon) for proper application consistency if necessary. Apply

one coat of IAQ 6040 generously and uniformly by airless spray or brush or roller to ensure that the finished surface is properly sealed. Two-coats may be required on some porous surfaces

DRYING TIME @ 70°F 50% R.H.

To Touch – 1-2 hours
 Recoat – 8-16 hours

COVERAGE

Smooth Surfaces- 400-450 sq. ft. per gallon
 Porous Surfaces- 200-300 sq. ft. per gallon

CLEAN UP

Clean tools and drippings with warm soapy water before IAQ 6040 dries. Dispose of all waste according to all existing local, state and federal regulations.

PRECAUTIONS

Stir thoroughly. Do not mix with any other coatings, solvents or colors in oil. IAQ 6040 is resistant to the deteriorating action of mold and mildew. No claim is made for the preservative action to other than the coating film. Do not apply when air or surface temperature is below 50°F or when drying conditions are poor. Use adequate ventilation during application. For interior use only.

Properties

Product Specifications	
Solids by Weight ± 2%:	21.0%
Solids by Volume ± 2%:	18.2%
Viscosity at 70°F:	54 Krieb Units
Specular Gloss:	25-40° @ 60°
Flash Point:	Non-combustible
Shelf Life:	36 Months Min. (Original Sealed Containers)
Calculated VOC:	89 grams/liter
IAQ 6040 complies with the requirements for LEED® EQ Credit 4.2, low-emitting materials: paints and coatings.	
Coverage	
Smooth Surfaces:	400-450 ft²/gal
Porous Surfaces:	200-300 ft²/gal
Drying Times (@ 70 - 77°F, 50% R.H.)	
To Touch:	1-2 hours
To Recoat:	8-16 hours
Minimum Application Temperature: 50°F (10°C)	
Available Package Sizes	
5 Gallon Containers	
Weight Per Gallon ± 0.5 lbs:	8.7 lbs/gal



*LEED® and related logo is a trademark owned by the U.S. Green Building Council and is used by permission.

PRODUCT DATA SHEET

IAQ 6040

Mold Resistant Sealant

8363 - Violet

CAUTION!

KEEP OUT OF REACH OF CHILDREN.

Do not take internally. Close container after each use. Keep
from freezing.

24 hour Emergency "CHEM-TEL" - 800.255.3924

For Technical Information call 800.342.3755

These suggestions and data are based on information we believe to be reliable. They are offered in good faith, but without guarantee, as conditions and methods of use of this product are beyond our control. Neither Fiberlock Technologies, Inc., nor its agents shall be responsible for the use or results of use of this product or any injury, loss or damage, direct or consequential. We recommend that the prospective user determine the suitability of this product for each specific project and for the health and safety of personnel working in the area.

1015-3518

MATERIAL SAFETY DATA SHEET

MSDS DATE: 3/10/09

IAQ® 6040

Per OSHA-recommended ANSI Z400.1-2004 standard format & in accordance with European standard format

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

Product Name: IAQ™ 6040
Product Description: Mold Resistant Sealant - Violet
Product Code: 8363

Manufacturer: Fiberlock Technologies, Inc.
Address:
Fiberlock Technologies
150 Dascomb Road
Andover MA, 01810

Contact Info:
Tel: (800) 342-3755
Fax: (978) 475-6205

Emergency Phone: 24 Hour Contact: CHEM-TEL: (800) 255-3924
INTERNATIONAL 24 HOUR EMERGENCY Phone: 813-248-0585

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Non-hazardous:
Pigmented Latex emulsion coating comprised of water, pigments, fillers, additives, and latex emulsion resin.

Hazardous:

Chemical Name	CAS#	Percent	Exposure Limits
2 - Proprietary biocide*	N/A	< 0.10	Not Established

Note: Per 29CFR 1910.1200 (g) (2) (1) (C) (2), only hazardous substances present in excess of 1.0% by weight (or 0.1% for carcinogens) must be listed on an MSDS.

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview:

Product Description: This product is a pigmented liquid.

Health Hazards:

Eyes: May cause slight irritation.

Skin: Substance may cause slight skin irritation.

Inhalation: May cause irritation of respiratory tract.

Ingestion: Ingestion may cause gastrointestinal irritation, nausea, and vomiting.

Flammability Hazards: This product is not flammable. If this product is involved in a fire, the decomposition products generated will include irritating vapors and gases and some carbon monoxide.

Reactivity Hazards: This product is not reactive.

Environmental Hazards: Although release of this product to the environment is not expected to cause significant adverse effect, all releases should be avoided.

SECTION 4: FIRST AID MEASURES

Eyes: Immediately flush eyes with plenty of water for at least 15 minutes and consult physician.

Skin: Wash skin thoroughly with soap and water. If drenched with product, remove and wash clothing before reuse.

Ingestion: Ingestion If victim is conscious give 2 glasses of water. Call a physician.

Inhalation: N/A

SECTION 5: FIRE-FIGHTING MEASURES

Product is non-combustible.

Flash point:

Autoignition Temperature:

F: Not flammable

F: Not Established

C: Not flammable

C: Not Established

Extinguishing Media:

Use extinguishing media appropriate for surrounding fire

Water Spray	OK
Carbon Dioxide	OK
Foam	OK
Dry Chemical	OK
Halon	OK
Other	Any "ABC" Class

SECTION 6: ACCIDENTAL RELEASE MEASURES

Accidental Release Measures:

Personal Precautions: Do not get in eyes. Do not take internally. Avoid skin contact. Prevent prolonged or repeated breathing of vapor or spray mists. Keep unnecessary people away. Floor may be slippery, use care to avoid falling. Ventilate the area. Remove with inert absorbent.

Environmental Precautions: Keep spills and cleaning run-offs out of municipal sewers and open bodies of water. Comply with local, state and national regulations.

SECTION 7: HANDLING AND STORAGE

Handling and Storage:

Storage: Store in a cool, dry place

Keep closure tight and containers upright to prevent leakage.

Precautionary labeling: "KEEP FROM FREEZING".

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautions:

Use only with adequate ventilation.

Avoid contact with skin and eyes. Avoid breathing vapor and spray mist.

Wash hands after using.

Work Hygienic Practices: Avoid contact with skin. Do not get in eyes. Do not take internally. Avoid breathing vapors or spray mists.

Ventilation: Use in well-ventilated areas. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

Respiratory Protection: If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

Eye Protection: Use approved safety eyewear including side shields, chemical goggles or face shields.

Skin Protection: Wear neoprene or rubber gloves to prevent skin contact if prolonged skin contact is likely. Wash hands before eating, smoking or using the wash room.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Viscous liquid	Viscosity @ 77°F:	54 Krebs Units ± 0.5
Odor:	Slight odor	Percent Solids By Weight:	21.0% ± 2.0
Boiling Point:	212°F	Solubility in Water:	Total
Freezing Point:	32°F	Vapor Density @ 68°F:	Heavier than air
Vapor Pressure (mmHg) @ 68°F:	17	Specific Gravity (H₂O = 1) @ 68°F:	1.0 ± 0.1
Weight Per Gallon:	8.7 lbs/gal ± 0.5	Evaporation Rate:	Slower than ether

SECTION 10: STABILITY AND REACTIVITY**Stability:** Stable**Incompatibility:** (Material to Avoid): Avoid contact with strong oxidizing agents (e.g. nitric acid, permanganates), etc.**Hazardous Decomposition or By-Products:** Some carbon monoxide.**Hazardous Polymerization:** Will not occur.**SECTION 11: TOXICOLOGICAL INFORMATION****Toxicological Information:**

No Data Available

SECTION 12: ECOLOGICAL INFORMATION**Ecological Information:**

No Data Available

SECTION 13: DISPOSAL CONSIDERATIONS**Waste Disposal Method:**

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. If incinerating, do so in an approved facility, and do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

SECTION 14: TRANSPORT INFORMATION**U.S. Department of Transportation**

Proper Shipping Name: Non-Hazardous Water-Based Paint

Hazard Class: "Not Regulated"

Label Statement: "Keep From Freezing"

Class 55 Non-Hazardous Water-Based Paint

Canada (TDG)

Not Regulated for Transportation.

IMO

Not Regulated for Transportation.

SECTION 15: REGULATORY INFORMATION**U.S. Federal Regulations:****TSCA (TOXIC SUBSTANCE CONTROL ACT):** All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** Releases of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.**SARA TITLE III:** No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.**CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65):** Components of this product are on the California Proposition 65 lists.**NOTES: (*)**This proprietary biocide is listed as a carcinogen under California Proposition 65, however, a risk assessment was conducted by the biocide manufacturer and it was determined that when this product is used in accordance with label directions, exposure and thus risk is below the level which requires a Proposition 65 warning.**CANADA DSL:** All components are listed or exempt.**SECTION 16: OTHER INFORMATION**

This product has been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

To comply with New Jersey DOH Right-To-Know labeling law (NJAC 8:59 – 5.1 & 5.2)

CAS. No.:	CHEMICAL INGREDIENTS
7732-18-5	Water
12174-11-7	Magnesium aluminum silicate
25265-77-4	2,2,4 - Trimethyl - 1, 3 - pentenediol monoisobutyrate
57-55-6	Propylene glycol
Not Available +	Latex resin solids
(+) Contents Partially Unknown	

HMIS HAZARD RATING

Health 1	Flammability 0	Physical Hazard 0	Personal Protection A
HAZARD INDEX: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe			
PERSONAL PROTECTION CODE:			
A=Safety glasses			

Warning! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hot line at 1-800-424-LEAD (5323) or log on to: www.epa.gov/lead