



# *Floor Care Systems*

*Discover The Difference of Cleaning Products On The Cutting Edge Of Technology!*

**Myers Chemical & Supplies**  
[www.MyersSupply.com](http://www.MyersSupply.com)



**Discovery Chemical is a leader in floor care technology. Our technical staff has developed cutting-edge formulations designed to produce superior performance finishes, sealers, buffing compounds, dust mop treatments and floor polishing pads that save time, labor and maintenance cost.**

*Discover The Difference of Cleaning Products On The Cutting Edge Of Technology!*



## *Slip & Fall Program*



**The Discovery Best Defense Liability Witness Program is designed to assist customers using Discovery Brand Floor Care Products.**

*This program offers you the ability to resource our expertise and technical competency when liability cases require additional product information and support.*

### **PROGRAM FEATURES:**



- **Underwriters' Laboratories classification for all primary Discovery Floor Finishes, buffing compounds and floor cleaning products as to Slip Resistance. Underwriters' Laboratories testing for slip resistance incorporates the use of the James Machine Methodology (ASTM Method D-2047-82), requiring that all UL Classified material meet or exceed a minimum of 0.5 coefficient of friction. This compliance assures you that our products will provide maximum performance in preventing a slip / fall accident.**
- **Complete on site instruction by Discovery Factory trained personnel for supervisory and line staff at your company or facility for the proper application, use and maintenance of Discovery Floor Care Products. Documentation of this training is provided to acknowledge the completion of this instruction.**
- **The opportunity, when necessary, to access our technical competency and expertise for slip / fall liability cases. A member of our technical staff is available to provide detailed data regarding product testing for slip resistance and quality control assurance.**

# On Site Field Support

We understand the value of properly trained employees and how critical this training can be to your success. Our technical representatives are able to provide you with on site training and support, including a no cost evaluation that will maximize your cleaning products investments.



# Interactive Training

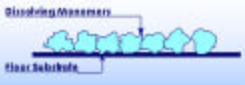

Discovery training programs are available either in written booklet form, easy to follow wall charts, or Interactive CD-ROM format.



**Professional Floor Care Training**

Modules 1 - 3


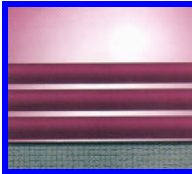
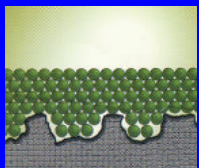



Solvent Strippers	Combination Alkaline / Solvent
Solvent strippers tend to attack and dissolve the monomer itself and with scrubbing, the finish film is broken and easily removed. Some solvent strippers are rinse free.	Combination solvent / alkaline strippers attack the bond between the monomers and also attack the monomer itself.
	

*Myers Chemical*

# MMT Polymer Technology

MMT™ Polymer technology; this technology uses micro-molecular polymers that flow evenly onto the floor substrate and set-up with an extremely tough, soil resistant film. This results in significant product cost savings and, more importantly, labor savings for the facility.

<b>Conventional Polymer Technology</b>		
<b>Discovery MMT Polymer Technology</b>		

# The New Floor Care Revolution

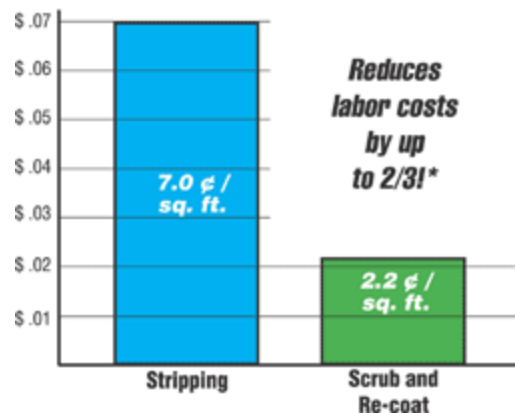


Facility managers constantly face the challenge of doing more and more with reduced staff and budget. As floor care typically represents a large percentage of a janitorial budget, it becomes a critical area for controlling costs for product and human resources. Technologies (such as Micro Molecular Technology from Discovery) are continually evolving to provide floor finishes that respond to high speed and UHS burnishing programs, offer superior resistance to re-soiling and reduce overall costs.

Historically floor finishes have been affected by a condition known as "yellowing" (or discoloration of the film). Over the past 10 years, floor finish chemistry has produced formulations that are much better at resisting discoloration from age (due to oxidation of natural waxes) or photochemical reaction (sunlight or UV lighting). However, current traditional finishes can show discoloration over time due to soils becoming entrapped in the film. Even with scrubbing and re-coating, entrapped soil results in a dull, dark appearance of the floor, with the only remedy being to strip and re-finish floors. Thus, product and labor costs increase.

A recently introduced "state-of-the-art" product, **Discovery Revolution Extended Performance Floor Finish**, will stay clean and bright for an extended period of time. When used with a comprehensive program of maintenance, including periodic scrub / recoat cycles, they can last for up to **18 - 36 months** between full strip cycles! The reason for this is the **MMT™ Polymer technology**; this technology uses micro-molecular polymers that flow evenly onto the floor substrate and set-up with an extremely tough, soil resistant film. This results in significant product cost savings and, more importantly, labor savings for the facility.

**Chemical and Labor Cost Analysis**



## Other desired features and benefits from this new ultra-high solids floor finish technology include:

- Ease of application
- Classified by Underwriter's Laboratories® for slip resistance
- Rapid drying
- Superior resistance to scratches and scuffing
- Exceptional leveling with no re-coat attack
- Dazzling "off-the-mop" gloss
- Maximum gloss achievement with as few as three coats
- Low odor formulation can be used in even sensitive environments such as hospitals or schools



### Revolution Product Specifications

Type.....Pure Acrylic  
 Total Solids.....28%  
 pH.....8.5  
 Dry Time.....25 Minutes  
 Color.....White  
 Coverage.....2500 sq. ft./gal  
 Film Appearance.....Clear  
 Powdering.....None  
 UL Slip Resistant.....Approved



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 831 Third St. Hot Springs, AR 71913 (501-623-7742)

MATERIAL SAFETY DATA SHEET  
(SIMILAR TO OSHA FORM 174)

N.A.=Not Applicable  
Not Est.=Not Established  
Prop.=Proprietary

SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION

Product Name: REVOLUTION Maximum Wear Sealer/Finish

Supplier's Name: Myers Supply, Inc.

Supplier's Address: 831 Third St., Hot Springs, AR 71913

HMIS Hazard Code: Health:1 Flammability:0 Reactivity:0 Other:0

Chemical Family: Floor Finish

D.O.T. Shipping Name: N/A

Emergency Phone #: 888-627-8740

Chemical Name: Acrylic Latex Blend

Formula: N.A. Blended Product

Hazard Class: N/A D.O.T. ID#: N/A

SECTION 2-HAZARDOUS INGREDIENTS

CHEMICAL NAME	CAS NO.	% Concentrate Range	Hazard Ratings (TLV/PEL)
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None

SECTION 3-PHYSICAL DATA

Boiling Point (F): Above 200<sup>0</sup> F  
Vapor Pressure: = To Water  
Vapor Density: = To Water  
Solubility In Water: Disperses  
Appearance: White, Opaque  
Liquid  
Odor: Characteristically Acrylic

Specific Gravity: 1.041  
Evaporation Rate: = To Water

SECTION 4-FIRE AND EXPLOSION DATA

Flash Point (F): None To Boiling (TOC)  
Flammable Limits: N.A.  
Unusual Fire & Explosion Hazards: Heated material may liberate toxic fumes. Wear self contained breathing apparatus.

SECTION 5-HEALTH HAZARD DATA

Route(s) of Entry: Inhalation:No Skin:Yes Ingestion:Yes  
Threshold Limit Value: Not Est.  
Effects of Overexposure: May cause skin and eye irritation. If ingested, may cause severe gastric distress and blockage.  
Emergency & First Aid Procedures: For Eyes: Flush with water for at least fifteen minutes. If irritation persists get medical aid. For Skin: Wash with soap and water. If Ingested: Induce vomiting. Get medical aid.  
Conditions Aggravated by Exposure: None

Listed Carcinogen, Mutagen, Teratogen (Ingredient, Source, Amount): None

SECTION 6-REACTIVITY DATA

Stability: Stable  
Conditions to Avoid: None  
Incompatibility: Avoid Contact with Strong Acids and Oxidizers.  
Hazardous Decomposition Products: Carbon Oxides and Acrylates  
Hazardous Polymerization: Will not occur.

SECTION 7-SPILL OR LEAK PROCEDURES

Steps to be taken if material is released or spilled:  
Recontainerize by mopping, wet vacuum, or using a suitable absorbent.  
Waste disposal method: Follow local, state, and federal regulations.

SECTION 8-SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required.  
Ventilation: Local.  
Protective Gloves: Not Required.  
Eye Protection: Safety Glasses.  
Other Protective Equipment: None.

SECTION 9-SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Store between 40<sup>0</sup> and 140<sup>0</sup> F. Do not freeze.  
Other Precautions: Keep out of reach of children. For sale to, use and storage by service personnel only.

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