



**Maintenance Solutions**

# Onyx

## High Productivity Stripper



### FOR USE ON:

Vinyl Tile  
Vinyl Asbestos  
Asphalt Tile\*  
Linoleum

Rubber Tile\*  
Concrete  
Flagstone

Terrazzo  
Ceramic Tile

### DESCRIPTION

A new generation floor finish stripper that rapidly penetrates and solubilizes floor finish. Powerful solvents combined with penetrating amines dissolve the finish on contact, reducing the waiting periods for removal of the finish. This product completely evaporates from the surface. Can be used with or without a floor machine.

### DIRECTIONS

1. Sweep or dust mop the floor to remove any debris.
2. Dilute Low Odor Floor Finish Remover from 1:3 to 1:14 (32oz. to 9oz./gal) with cold or warm water, depending on age and build-up of finish. Do not use hot water.
3. Apply liberally with a mop to an area small enough so as not to allow the product to dry. Be sure to completely cover floor to baseboards.
4. After 3 to 5 minutes, agitate the wet section with a mop or machine scrub. Pick up solution using a mop, wet vac or automatic scrubber.
5. Rinse thoroughly with clear water to remove residue as necessary.

### PRODUCT SPECIFICATIONS

|                            |                     |                                 |                    |
|----------------------------|---------------------|---------------------------------|--------------------|
| <b>Active Ingredients:</b> | 55.0 ± 0.5%         | <b>Emulsification:</b>          | Excellent          |
| <b>Color:</b>              | Clear               | <b>Detergency:</b>              | Excellent          |
| <b>Odor:</b>               | Sassafras           | <b>Rinsability:</b>             | Excellent          |
| <b>pH:</b>                 | 12.5 - 13.0         | <b>Flash Point:</b>             | 145°F (TCC)        |
| <b>Viscosity:</b>          | Water thin          | <b>Biodegradability:</b>        | Complete           |
| <b>Foam:</b>               | Low                 | <b>Storage/Stability:</b>       | 2 years            |
| <b>Abrasives:</b>          | None                | <b>Weight per Gallon:</b>       | 8.27 lbs./gal.     |
| <b>Phosphate Content:</b>  | None                | <b>Freeze / Thaw Stability:</b> | Keep from freezing |
| <b>Solubility:</b>         | Complete with water |                                 |                    |

## SECTION 1-PRODUCT IDENTIFICATION AND SUPPLIER INFORMATION

|                                                                        |                                                 |                            |
|------------------------------------------------------------------------|-------------------------------------------------|----------------------------|
| <b>Manufacturer's Name:</b><br>Misco Products Corporation              | <b>Product Name:</b> Onyx                       | <b>Supplier's Name:</b>    |
| <b>Manufacturer's Address:</b><br>1048 Stinson Drive Reading, PA 19605 | <b>Generic Name:</b> High Productivity Stripper | <b>Supplier's Address:</b> |
| <b>Manufacturer's Phone #:</b> (610) 926-4106                          | <b>Chemical Family:</b> Solvent Detergent Blend | <b>Supplier's Phone #:</b> |
|                                                                        | <b>Formula:</b> Proprietary                     |                            |

## SECTION 2-INGREDIENT INFORMATION

| CHEMICAL NAME                          | CAS NO.   | WT. %    | PEL    | TWA-TLV            | STEL-TLV |
|----------------------------------------|-----------|----------|--------|--------------------|----------|
| Water                                  | 7732-18-5 | to 100   |        |                    |          |
| 2-Butoxyethanol                        | 111-76-2  | 40 to 50 | 25 ppm | 25 ppm             | N/A      |
| Ethanolamine                           | 141-43-5  | 5 to 10  | N/A    | 8mg/M <sup>3</sup> | N/A      |
| Nonionic Surfactant                    | 9016-45-9 | 0 to 5   |        |                    |          |
| Potassium Fluoroalkyl Carboxylate (C8) | 2991-51-7 | 0 to 5   |        |                    |          |
| Perfume Oils                           | N/A       | < 1      |        |                    |          |

## SECTION 3-PHYSICAL DATA

|                                                                    |                                       |
|--------------------------------------------------------------------|---------------------------------------|
| <b>Boiling Point (°F):</b> 210 F.                                  | <b>Specific Gravity:</b> .994         |
| <b>Vapor Pressure:</b> 20mm Hg @ 68 F.                             | <b>Vapor Density (Air=1):</b> >1      |
| <b>% Volatile:</b> 96+                                             | <b>pH:</b> 12.5 – 13.0                |
| <b>Solubility in Water:</b> Complete                               | <b>Evaporation Rate (Water=1):</b> <1 |
| <b>Physical Description:</b> Thin liquid with characteristic odor. |                                       |

## SECTION 4-FIRE AND EXPLOSION HAZARD DATA

|                                                                                                                                                         |                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| <b>Flash Point (Method Used):</b> 145 F. (TCC)                                                                                                          |                                   |
| <b>Upper Explosion Limit:</b> 10.6                                                                                                                      | <b>Lower Explosion Limit:</b> 1.1 |
| <b>Extinguishing Media:</b> Alcohol foam, water fog, CO <sub>2</sub> or dry chemical.                                                                   |                                   |
| <b>Special Firefighting Procedures:</b> Wear self-contained breathing apparatus for confined areas. Keep fire exposed containers cool with water spray. |                                   |
| <b>Unusual Fire and Explosion Hazards:</b> Vapors heavier than air.                                                                                     |                                   |

## SECTION 5-REACTIVITY DATA

|                                                                   |                                                            |
|-------------------------------------------------------------------|------------------------------------------------------------|
| <b>Stability:</b> Stable                                          | <b>Hazardous Polymerization:</b> None                      |
| <b>Hazards Decomposition Products:</b> Alkaline vapors in a fire. | <b>Incompatibility (Materials to Avoid):</b> Strong acids. |

## SECTION 6-STORAGE AND HANDLING INFORMATION

Combustible liquid- Avoid contact with heat, spark or open flame. Keep out of reach of children. For use by trained personnel only. Keep unauthorized personnel away when applying to floor. Keep container closed during storage. For institutional and industrial use only. Avoid contact with eyes, skin and clothing. Wear protective eyewear, gloves and footwear when handling. Avoid breathing of vapors. Use in well-ventilated area only.

## SECTION 7-HEALTH HAZARDS AND FIRST AID

**Effects of Overexposure:**  
**Skin:** Severe skin irritant. May cause moderate reddening, swelling, and possible skin damage.  
**Eyes:** Severe eye irritant. Liquid and mists may damage eyes, causing corneal damage.  
**Inhalation:** Vapors and mists may be irritating to mucous membranes in the nose, throat, and lungs.  
**Ingestion:** Irritating and corrosive to the mouth and throat. May cause headache, nausea, abdominal pain, vomiting, and diarrhea. Excessive amounts may cause collapse.  
**First Aid Procedures:**  
**Skin:** Flush with water. Seek medical attention if irritation persists.  
**Eyes:** Contact damage is immediate. Immediately flush with large quantities of water, holding eyelids open. Seek medical attention immediately.  
**Inhalation:** Get to fresh air. Seek medical attention if irritation persists.  
**Ingestion:** Do not induce vomiting. Drink large quantities of water. Seek medical attention immediately.

## SECTION 8-SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Use NIOSH approved organic vapor respirator or self-contained breathing apparatus in confined or poorly ventilated areas.  
**Ventilation Requirements:** Provide mechanical exhaust to keep TLV of Section 2 ingredients below acceptable limits.  
**Protective Gloves:** Chemical resistant rubber or neoprene.  
**Eye Protection:** Chemical splash goggles or full-face shield.  
**Other Protective Equipment:** Eye wash station nearby. Protective outerwear and rubber boots should be worn when using.

## SECTION 9-SPILL OR LEAK PROCEDURES

**Steps to be taken in Case Material is Released or Spilled:** Floors will become slippery. Avoid walking in product. Keep unessential personnel away. Mop up or otherwise absorb and hold disposal. Avoid discharge to sewer or open waterways.  
**Waste Disposal Method:** Any method in accordance with local, state and federal laws. Best method is to recycle or reuse for intended purpose. If discarded, this material and containers should be treated as hazardous waste based on the characteristic of corrosivity and ignitability as defined under federal RCRA regulations (40 CFR 261). Consult local authorities for disposal in public sewer. Do not dispose of into storm drain, stream, river or to ground. Rinse container thoroughly before discarding in trash.

## SECTION 10-REGULATORY INFORMATION

| SARA Title III - Section 311/312 -Hazard Categories: | Shipping Information:                         | HMIS Hazardous Materials     |
|------------------------------------------------------|-----------------------------------------------|------------------------------|
| No - Fire Hazard                                     | FOR CONTAINERS > 1 Gallon : Cleaning Compound | <b>Identification System</b> |
| No - Sudden Release of Pressure Hazard               |                                               | <b>Health</b> 3              |
| No - Reactivity Hazard                               | FOR 1 GALLON CONTAINERS : Cleaning Compound   | <b>Flammability</b> 2        |
| Yes - Immediate (acute) Health Hazard                |                                               | <b>Reactivity</b> 0          |
| Yes - Delayed (chronic) Health Hazard                | FOR CONTAINERS < 1 GALLON : Cleaning Compound | <b>Personal Protection</b> B |

## FOR EMERGENCY MEDICAL OR TRANSPORT INFORMATION: CHEM-TEL, Inc. @ 800-255-3924 (24 hours, 7 days per week)

This product contains the following toxic chemical(s) subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372.

| CAS#                                                                                                                           | Chemical Name | Percent by Weight |
|--------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------|
| 111-76-2                                                                                                                       | Glycol Ether  | 46%               |
| This product contains the following chemical(s) which have been established to be either a carcinogen or suspected carcinogen. |               |                   |
| CAS#                                                                                                                           | Chemical Name | Percent by Weight |
|                                                                                                                                | None          |                   |

## SECTION 11-OTHER INFORMATION

This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of our products either alone or in combination with other products. It is the responsibility of the user to provide a safe workplace, using the health and safety information contained herein as a guide. This company will accept no liability for damages or loss incurred from the improper handling and use of this product