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ASPIR-SOLV SAFE SOLVENT CLEANER

1. PRODUCT DATA

Date of Preparation: March 1, 2015

Product Name: ASPIR-SOLV Safe Solvent Cleaner

Producer: Diedrich Technologies, A Hohmann & Barnard Company, 310 Wayto Road, Schenectady, NY 12303

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This product is manufactured for Commercial/Industrial use. Not recommended for: Household use.

2. PRODUCT DESCRIPTION

DIEDRICH ASPIR-SOLV is a safe solvent cleaner that dissolves many hard-to-clean organic stains and substances. ASPIR-SOLV contains no water, is water soluble and is made of 100% active ingredients. This unique proprietary formulation has a neutral pH, is colorless, non-foaming, and is non-flammable (but is combustible). ASPIR-SOLV contains no chlorinated solvents and has a slow evaporation rate.

3. PRODUCT USES

CONCRETE: Oil stains, hydraulic and auto fluids, tire marks, chewing gum. From concrete, stone, brick, block and pavers.

CONSTRUCTION: Adhesives, water repellents, tree pitch, stickers, sealants, creosote, tar and asphalt.

GRAFFITI: Will remove some paint, crayon and magic marker from nonporous surfaces.

HOTELS, CONVENTION HALLS: Black tire marks on curbs & concrete walls. *Exhibit floors:* tape residue, tire marks, oil drips, stickers.

JANITORIAL: Oil stains on concrete, adhesives, black tire marks, and other scuffs.

PAVEMENT MAINTENANCE: Tar and asphalt from overspray, spills, accidents, vehicles, nozzle tips, tools.

PLANT MAINTENANCE: Oil and grease on and around machines, elevators, escalators, and parking areas. Hydraulic fluids, water repellent materials, ink, adhesives, resins, signs, traffic tape, fork lift markers.

POWER WASHING: Pre-spray oil stains, oily soot, asphalt.

PAINTERS: Duct & masking tape residue. Reclaim paint brushes.

SPORTS ARENAS: Black marks on walls and floors from handballs and pucks.

WAREHOUSES: Black tire marks, oil, grease & hydraulic stains, lane tape, shelf stickers, tags, tape residue.

WINDOW CLEANING: Crayons, magic marker, wax, silicone caulk residue, stickers, construction cleanup. Artificial snow, water repellents, tape residue, grease and oil.

4. APPLICATION

Oil stain removal:

1. Remove stains and surface spills caused by motor oil, hydraulic fluid, brake fluid, transmission fluid, etc. Apply ASPIR-SOLV full strength on dry surface. Spray or pour to apply, thoroughly covering stained area.
2. Brush in using a broom or brush to insure the ASPIR-SOLV completely covers the stain and soaks into the surface.
3. Allow approximately 15 to 20 minute dwell time. ASPIR-SOLV needs to soak into the surface to dissolve the stain and create a water soluble solution.
4. Completely rinse the area with a pressure washer or strong stream of water from a garden hose. ASPIR-SOLV will turn a milky-white. If there is insufficient drainage, apply as much water as possible and remove with a wet vac, sponge or floor scrubber. Porous unsealed concrete used on ramps and sidewalks requires more rinsing than smooth and sealed concrete used on warehouse or office floors. Allow to dry and reapply if required. Removal of 100% of stains may not always be possible, but surface traction will improve.

Tape, tape residue and adhesive label removal:

It is possible to remove duct tape residue, lane and safety marker tape, self-adhesive labels, appliques and stickers of all kinds. Apply ASPIR-SOLV full strength. Allow 5 minute dwell time. If you first pull off the vinyl face of the tape or sticker, the ASPIRSOLV will dissolve the adhesive quickly, otherwise you will have to wait until the adhesive dissolves as the ASPIR-SOLV migrates under the plastic/vinyl label face. For dried masking tape or paper labels, allow ASPIR-

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SOLV to soak through to the adhesive. **Give the product time to work.** Softened adhesive may be scraped off using a nylon scraper, body filler applicator, a white woven mesh nylon scrub pad or piece of burlap can be used for scrubbing off softened adhesive residue. Rinse with water to remove all residue by pressure washing, garden hose or wipe with wet cloth or sponge.

Water Repellent and Cure & Seal Coatings removal: ASPIR-SOLV will remove most acrylic, silicone, silane, siloxane and paraffin oil type sealers and water repellents from brick, stone, concrete, glass and metal surfaces. Pour or low pressure spray apply ASPIR-SOLV on the surface to be cleaned (sprayer must be solvent resistant plastic, brass or stainless steel) or the DIEDRICH ACID EXPRESS PUMP. Allow dwell time of 10 to 20 minutes, but do not allow to dry. In some instances, agitation with stiff bristle brush, broom or floor scrubbing machine may be required. When coating has been lifted or dissolved, the removed coating and ASPIR-SOLV should be pressure washed off.

Flooring and construction adhesives removal: ASPIR-SOLV can be used for the removal and clean up of baseboard, black thinspread, cutback, contact cement, latex, mastic, multi-purpose, panel and parquet adhesives, peel-and-stick tape, silicone caulk residue, and contact paper. Pour, or low pressure spray apply ASPIR-SOLV (sprayer must be solvent resistant plastic, brass or stainless steel) or the DIEDRICH ACID EXPRESS PUMP. Back-brushing may be needed after spraying. Dwell time will vary with thickness of material to be removed. Reapplication may be required if material to be removed is very thick. To remove, scrape up material and rinse with water or pressure wash.

Glass Cleaning: ASPIR-SOLV will remove some water repellent overspray/run-down, grease, oil, graffiti (paint and magic marker), wax, adhesive, crayon etc. Apply ASPIR-SOLV full strength by wiping some on with a rag, or spraying. Once the contaminant is dissolved, wash the window with a garden hose or bucket of fresh water and squeegee. In some cases, such as water-repellent removal, scrubbing with a white woven mesh nylon scrub pad may be necessary to loosen the residue before rinsing. For extremely dirty windows it may be necessary to first apply ASPIR-SOLV and do a preliminary cleaning with a pressure washer or concentrated spray from a garden hose. Then the window can be cleaned with a bucket and squeegee.

5. COVERAGE AND SPECIFICATION

Coverage: ASPIR-SOLV will cover approximately 150 square feet per gallon on most masonry and concrete surfaces and 200 square feet per gallon on nonporous surfaces like glass and metal.

Active Ingredients: 100% active, contains no water.

Flash Point: Over 130°F PMCC.

Autoignition Temperature: 900°F. Smokes when heated above 180°F

Rinse water temperature: Should be under 90°F.

6. MATERIAL CAUTIONS

TEST FIRST. Test for compatibility on non-glass surfaces, especially paint, plastic and natural stone.

Plastics: You can generally use ASPIR-SOLV on unstressed acrylic (Plexiglass), polyethylene, PVC, ABS and other thermosetting plastics. **Do not use on polycarbonates (Lexan) or on polystyrene because it will cloud or craze the appearance of these two plastics. If unsure if window is Plexiglass or Lexan and unable to test first do not use at all.**

7. SAFETY PRECAUTIONS

Contains petroleum distillates. Do not take internally. Consult Safety Data Sheet before use.

AVOID PROLONGED SKIN CONTACT

ASPIR-SOLV may dry the skin. For extended use, neoprene or nitrile gloves is recommended.

ALWAYS WEAR EYE AND FACE PROTECTION. WORK IN WELLVENTILATED AREA.

If vapors are inhaled for a prolonged time, drowsiness, nausea, lightheadedness or headaches may result. Use activated charcoal respirator for prolonged use. **PRODUCT IS NOT FLAMMABLE** but is combustible: **Keep away from heat and open flame.**

KEEP AWAY FROM CHILDREN AND ANIMALS.

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WARRANTY: ALWAYS USE A TEST SAMPLE TO DETERMINE DESIRED RESULTS. PRODUCT FREEZES BELOW 32°F, AND MAY BE ADVERSELY AFFECTED BY COLD WEATHER.

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