

NIKO'S

**VACS TO WAX
SUPPLY LTD.**

HIGHWAY ONE

URETHANE FORTIFIED WATER EMULSION HIGH SPEED FINISH

Highway One is a premium, water-based polyurethane (non-buff to ultra high-speed). This fast-drying product finish that provides superior gloss, durability, mark works well on terrazzo, concrete, slate, marble, quarry, resistance and pairability. Its exceptional versatility rubber and vinyl tile floors. makes it ideal for use with all maintenance programs

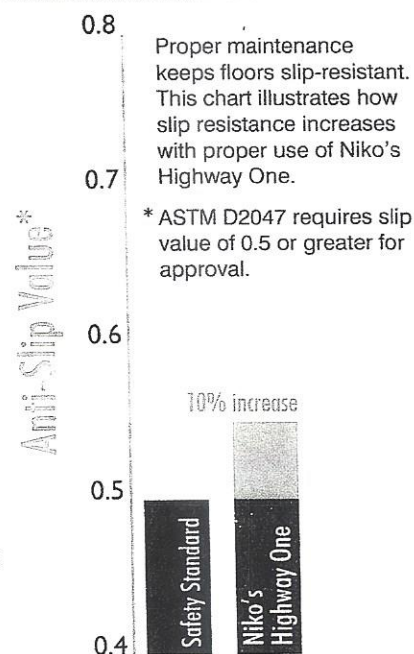
PROPERTIES

Type Urethane / Acrylic Emulsion
Form Opaque Liquid
Odor Bland
Color Milky White
Film Clarity Clear
Weight per Gallon 8.54 Lbs.
pH..... 8.2 - 8.6
Floor Solids 18%
Storage Stability Min. 1 Year
Freeze/Thaw Passes 3 Cycles
V.O.C. <300 gm/l

* Properties are typical and subject to usual manufacturing tolerances

FEATURES

- Multi-surface, all-purpose urethane-fortified finish for all maintenance systems
- Easy-to-use formula, adheres to most surfaces, levels nice and dries fast
- Urethane-fortified for maximum durability and beauty
- Combination seal and finish
- Large area coverage – up to 3,000 sq. ft. per gallon
- Fast-drying – 30 minutes under normal conditions
- Slip-resistant per ASTM D2047*



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NIKO'S VACS TO WAX SUPPLY LTD. 101-21652 Fraser Highway, Langley, B.C. V3A 4G9 • Telephone (604) 533-3882

HIGHWAY ONE

Urethane Fortified Water Emulsion High Speed Finish

PRODUCT SAFETY AND TRAINING

DIRECTIONS

Water-based polyurethane technology for slip, detergent and scuff-resistant flooring. This durable, easy to repair product dries fast and is easy to recoat. A sealer is not required on resilient floors in good condition. (An acrylic sealer basecoat is recommended on older, porous composition, quarry and ceramic tile, concrete, marble or terrazzo floors). Use with all floor care systems: Non-Buff, Spray Buff, High and Ultra High Speed Burnishing. Excellent for difficult to maintain "hot spot" floor areas. Eliminates need for frequent stripping and recoating.

1. PREPARE FLOOR. THOROUGHLY STRIP old sealers, waxes and finishes. For best results, use floor machine with stripping pad. Strip build-up along edges and in corners. Rinse thoroughly so that no stripper or alkaline residue remains on floor.

2. APPLY FINISH. Floor must be completely dry before applying finish. Apply thin coats using a string mop or lambs' wool applicator. Under normal conditions, allow to dry for 30 minutes between coats. Buffing between coats is not necessary. For best results, apply a maximum of 4 coats in 24 hours.

3. MAINTAIN DAILY. Dust mop at least daily, or more as required, to keep floor dust and dirt free. Use our neutral cleaner to damp mop liquid spills as they occur. Damp mop or auto-scrub daily with our no-rinse neutral cleaner.

4. RESTORE FLOOR. To repair heel marks or scuffing, apply our restorer with mop, low pressure sprayer, or auto-scrubber. Allow to dry, then burnish with high speed equipment, using ultra high speed pads. This finish responds to spray buffing with conventional speed floor machines using beige or red spray buff pads.

NOTE: Always dust mop floor after burnishing or spray buffing.

SPECIAL NOTE: Use of our restorer on this floor finish IMPROVES SLIP RESISTANCE.

5. RECOATING. Recoating is needed when restoration no longer returns floor to "wet-look". Before recoating, dust mop and then scrub floor aggressively using our neutral cleaner or cleaner/restorer and auto-scrubber with a red pad. Use black pad for heavily marked or unusually dirty floor. After scrubbing, thoroughly rinse floor with clean water and allow to dry. Then, apply finish.

SPECIAL NOTES: Do not pour unused finish back into original container. When recoating competitive floor finishes, always test in a small area to ensure compatibility. Careful adherence to our maintenance procedures will greatly extend the life cycle of your floor and greatly reduce the frequency of recoating, stripping and refinishing.

NOTE: For stripping and maintaining asbestos containing tile, follow OSHA guidelines or EPA guidelines.

DISPOSAL - CAUTION - FIRST AID

DISPOSAL: PRODUCT: Dispose of excess product in accordance with local, state and federal regulations. **CONTAINER:** Please recycle HDPE container.

VENTILATION: No special is ventilation needed. However, use of adequate ventilation is good industrial practice.

CAUTION: May irritate eyes, skin, gastrointestinal and respiratory tracts. May be absorbed through skin with prolonged or repeated contact.

PRECAUTION: Avoid eye and skin contact. Use with adequate ventilation. Keep out of the reach of children.

FIRST AID: EYES & SKIN: Flush with water (eyes 15 minutes). If irritation persists, seek medical attention. **INGESTION:** If swallowed, give 2-3 large glasses of water. Seek medical attention.

See Product Material Safety Data Sheet Before Using.

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT/MANUFACTURER'S IDENTITY

PRODUCT NAME: HIGHWAY 1
PRODUCT NUMBER: NA
PRODUCT USE: Concentrated urethane water emulsion seal & finish
COMPANY: Niko's Vacs to Wax Supply Ltd.
 #101-21652 Fraser Highway
 Langley, British Columbia
 Canada V3A 4G9
EMERGENCY PHONE: 800-843-5174

PRODUCT I.D. NUMBER (PIN): N.A.
WHMIS CLASS: D2B
DOT HAZARD CLASS: Non-Regulated
DOT SHIPPING NAME: N.A.

H.M.I.S.

1	HEALTH	HAZARD RATING 4 = Extreme 3 = High 2 = Moderate 1 = Slight 0 = Insignificant
0	FIRE	
0	REACTIVITY	
B	MAXIMUM PERSONAL PROTECTION	

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

ABBREVIATION KEY: N.A. = Not Applicable N.E. = Not Established N.D. = Not Determined

SECTION 2 - HAZARDOUS INGREDIENTS INFORMATION

HAZARDOUS CHEMICAL IDENTITY	CAS NO.	%	PEL	TLV	LD50	LC50
Water	7732-18-5	40-70	N.E.	N.E.	N.D.	N.D.
Diethylene glycol monomethyl ether	111-77-3	5	N.E.	N.E.	9.21g/kg	N.D.
n-Methyl-2-pyrrolidone	872-50-4	1	N.E.	100ppm	4200mg/kg	N.D.
Tributoxyethyl phosphate	78-51-3	1-5	N.E.	N.E.	9.49g/kg	30mg/l
Acrylic emulsion polymer	N.A.	10-30	N.E.	N.E.	>5g/kg	N.D.
Polyurethane emulsion	N.A.	5-10	N.E.	N.E.	N.D.	N.D.

This mixture contains 5% Diethylene glycol monomethyl ether and 1% n-Methyl-2-pyrrolidone which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

SECTION 3 - PHYSICAL DATA

Color: Milky	Boiling Point: 100°C (212°F)	Vapor Pressure: <30 mm of Hg	pH: 8.0 - 8.5
Odor: Bland	Freezing Point: 32°C (89.6°F)	Vapor Density (Air=1): <1	1% pH: N.A.
Physical State: Liquid	Water/Oil Distribution: N.E.	Evaporation Rate (Water=1): N.E.	Specific Gravity: 1.05 gm/ml
Solubility in Water: Miscible	Odor Threshold: N.E.	VOC Content: 12.1%	Weight per Gallon: 8.74 lbs./gal.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point and Method: N.A.	Autoignition Temperature: N.A.	Extinguishing Media: Use dry chemical or CO2.
Flammable Limits: N.A.	LEL: N.A. UEL: N.A.	Special Fire Fighting Procedures: None.
Hazardous Combustion Products: N.A.		Unusual Fire and Explosion Hazards: None.

SECTION 5 - REACTIVITY DATA

Chemical Stability: Stable.	Hazardous decomposition of By-Products: None known.
Incompatibility (Materials to Avoid): None known.	Hazardous Polymerization: Will not occur.

SECTION 6 - TOXICOLOGICAL PROPERTIES

Routes of Entry: Ingestion.	Toxicologically Synergistic Products: None known.
Sensitization: No.	Medical Conditions Aggravated by Exposure: None known.
EFFECTS OF OVEREXPOSURE (Acute and/or Chronic):	
Eyes: Direct contact may cause irritation.	Carcinogenic Effects: NO carcinogenic effect.
Skin: Prolonged or repeated contact may cause irritation.	Mutagenic Effects: NO mutagenic effect.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhea.	Teratogenic Effects: NO teratogenic effect.
Inhalation: Prolonged exposure in poorly ventilated area may cause respiratory irritation.	Reproductive Toxicity: NO reproductive toxicity effect.

SECTION 7 - PREVENTATIVE AND CONTROL MEASURES

Respiratory Protection: None normally required with adequate ventilation.	Ventilation: Local Exhaust: N.A. Mechanical: Acceptable
Protective Gloves: Rubber to protect sensitive skin.	Eye Protection: As required to prevent splashing into eyes.
Protective Clothing and Equipment: As needed to prevent wetting of clothing.	Work and Hygienic Practices: After handling, always wash hands thoroughly with soap and water.
Storage Requirements: Store in cool, dry area. Follow good housekeeping practices.	Other Requirements: Keep out of reach of children.

Steps to be Taken if Material Spilled or Released: Collect and reuse if possible. Flush to sewer with large quantities of water if permitted by regulatory authorities or absorb on inert material (sand, clay, etc.) and place into container for proper disposal. Do not allow runoff into public waterways.

Waste Disposal: Dispose of as permitted by all federal, provincial, state and local regulatory authorities.

SECTION 8 - EMERGENCY FIRST AID PROCEDURES

FIRST AID - NOTES TO PHYSICIAN:

Eyes: Flush with a large amount of water for 15 minutes holding eyelids open.

Skin: Wash with mild soap and water.

Ingestion: Give 2-3 large glasses of water. Seek medical attention.

Inhalation: Remove to fresh air and rest. In all cases if symptoms persist, seek medical attention.

Note to Physician: No additional information.

SECTION 9 - PREPARATION INFORMATION

Prepared By: Regulatory Affairs Department Phone: 604-533-3882 Date of Preparation: 11/7/2006.