MATERIAL SAFETY DATA SHEET

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■ SECTION 01 IDENTIFICATION

MSDS NO. 2100 DATE: October 2005

TRADE NAME: **RestorePac® Top Coat Acrylic Floor Finish Restorer No. 2102**
BuffPac® Spray Buff Floor Finish No. 2132

NOTE: CAS Registry numbers are not applicable to formulated products.

■ SECTION 02 PHYSICAL & HEALTH HAZARDOUS INGREDIENTS

Hazardous Material as defined by 29 CFR 1910.1200. Reportable under CERCLA or SARA TITLE III Sec. 304 Regulations.

Common Name:	DPM		CAS# 34590-94-8
Chemical Name:	dipropylene glycol monomethyl ether		
Hazard % in Formula:	in concentrate: 6%	in working/use solution 3.0%	
Hazard reference:	100 ppm OSHA PEL		

Common Name:	dibutylphthalate, DBP		CAS# 84-74-2
Chemical Name:	dibutyl 1, 2-benzene dicarboxylate; di-n-butyl phatalate		
Hazard % in Formula:	in concentrate: 5%	in working/use solution 2.5%	
Hazard reference:	5 mg/m3 NIOSH/OSHA ; 9300 mg/m3 IDLH		

■ SECTION 02A OTHER INGREDIENTS NOT CONSIDERED HAZARDOUS IN FORMULATION

water	CAS# 7732-18-5
acrylic emulsion polymer	CAS# n.a.
polyethylene emulsion	CAS# n.a.
diethylene glycol monoethyl ether	CAS# 111-90-0
diethylene glycol monomethyl ether	CAS# 111-77-3
trace fragrance and colorant	n.a.

■ SECTION 03 PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	100º C (212 deg. F)
Vapor Pressure:	< 30.0 mm Hg.
Vapor Density (Air=1)	< 1.
Water Solubility:	Complete.
Melting/Freezing Point:	< 0 deg. F.
Appearance:	Opalescent milky white.
Specific Grav. (water=1):	1.06.
Evaporation Rate:	Slower than 1 (n-butyl acetate = 1)
pH:	In concentrate 8.0 – 9.0.
Odor:	Bland.

■ SECTION 04 PHYSICAL HAZARD DATA

Flash Point:	n.a.
Flammable Limits:	n.a.
Fire Fighting Media:	Water spray, CO_2, dry chemical. Treat primary cause of fire.
Special Fire Fighting Procedures:	None.
Fire/Explosion Hazards:	None known.

■ SECTION 05 REACTIVITY DATA

Stability:	Stable.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	None known.
Incompatible Materials:	Strong oxidizing or reducing agents.
Hazardous Decomposition Products:	If heated to decomposition, CO, CO_2, No_x may be produced

■ SECTION 06 HEALTH HAZARD DATA

Oral Toxicity:	Not determined for formulation.
Skin Toxicity:	No known for formulation.
Carcinogenicity:	None of the individual materials in this formulation are listed as carcinogens in NTP, IARC. Monographs, or are OSHA Regulated carcinogens.

■ SECTION 07 SYMPTOMS OF OVEREXPOSURE

Symptoms of Inhalation: If misted, in concentrate form, which is improper use, can cause irritation
Symptoms of Skin Contact: May cause dermatitis or irritation in some individuals upon prolonged contact.
Symptoms of Eye Contact: Prolonged contact my cause painful stinging or burning of eyes and lids, watering of eye and irritation.

■ SECTION 08 EMERGENCY FIRST AID PROCEDURES

For Ingestion: DO NOT attempt to induce vomiting. Have the individual drink one or more full glasses of milk or water. If vomiting occurs, give fluids again. NEVER give anything to an unconscious person. Call a physician or your local Poison Control Center. Treatment should be directed at the control of symptoms and the clinical condition of the patient. There is no specific antidote.
For Skin: As for all foreign materials, wash off concentrate or diluted use solution with copious amounts of water. Remove clothing which has been saturated by concentrate. Thoroughly wash affected clothing and shoes.
For Eyes: PROMPTLY flush with large amounts of water for at least 15 minutes, occasionally lifting the lower and upper lids. See a physician if irritation persists.
Medical Conditions Aggravated by Exposure: None known.

■ SECTION 09 OCCUPATIONAL CONTROL PROCEDURES

Ventilation: None normally required.
Respiratory Protection: Not required under normal working/use conditions.
Eye Protection: Not normally required. Use if in specific applications splashes or mists might get into eyes.
Skin Protection: Not normally required.
Personal Hygiene: As in handling any detergent, wash hands after using.

■ SECTION 10 PRECAUTIONS FOR SAFE HANDLING STORAGE AND USE

Precautionary Measures: Avoid contact with eyes and prolonged contact of concentrate with skin. Avoid breathing misted vapors.
Spills Clean-up Procedures: Concentrated materials are packed in small unit dosed bags limiting any spill to very small quantities. Paper toweling or mopping is usually sufficient.
Disposal Method: Normal waste disposal of empty bags in accordance with state and local regulations or recycle after rinsing package.
Storage: No special requirements.

■ HAZARD RATINGS

	NFPA Concentrate	NFPA Dilution
Health	1	1
Flammability	0	0
Reactivity	0	0

■ GENERAL NOTE ABOUT PRODUCTS

RestorePac® Floor Finish Restorer/ BuffPac® Floor Finish formulation is not substantially different from any other commercially available floor finish. The unique packaging of PortionPac materials in unit dosed bags limits the amount of exposure of the concentrate to very small amounts. Spills can be cleaned up with paper toweling or plain mopping. We know of no hazards associated with the proper use and handling of this product. PortionPac Chemical Corporation makes no warranty, expressed or implied, as to the accuracy, completeness or reliability of this information, except that such information is, to the best of our knowledge and belief, accurate as of the date indicated.

PELIGRO: SI NO PUEDE LEER EN INGLES, PREGUNTE A SU SUPERVISOR SOBRE LAS INSTRUCCIONES DE USO APROPIADAS ANTES DE TRABAJAR CON ESTE PRODUCTO.

24 HOUR EMERGENCY RESPONSE PHONE: 1-800-535-5053
MSDS: 2100 REVISED: 10/05

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