

# MATERIAL SAFETY DATA SHEET

## PortionPac<sup>®</sup> Chemical Corporation

400 N. Ashland Avenue, Chicago, IL 60622 -6382

Voice: 312/226-0400 Fax: 312/226-5400

Internet: www.portionpaccorp.com

**24 HOUR EMERGENCY  
RESPONSE PHONE:  
1-800-535-5053**

### ■ SECTION 01 IDENTIFICATION

MSDS NO. 2500 DATE: October 2005

TRADE NAME: **Janus<sup>®</sup> Silver HSB Urethane Enhanced Floor Finish No. 2564**

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

### ■ SECTION 02 PHYSICAL & HEALTH HAZARDOUS INGREDIENTS

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

Common Name:	Poly Solv DE	CAS# 111-77-3
Chemical Name:	diethylene glycol monomethyl ether	
Hazard % in Formula:	5.0	
Hazard reference:	LD50: 9.21g/Kg LC50: 30mg/l	

Common Name:	KP-140, tributyl cellosolve phosphate	CAS# 78-51-3
Chemical Name:	tributoxyethyl phosphate	
Hazard % in Formula:	1-5 %	
Hazard reference:	LD50: 9.49g/Kg	

### ■ SECTION 02A OTHER INGREDIENTS NOT CONSIDERED HAZARDOUS IN FORMULATION

water	CAS# 7732-18-5
acrylic emulsion polymer	CAS# n.a.
polyurethane emulsion	CAS# n.a.

### ■ SECTION 03 PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point:	212 deg. F., 100 deg. C.
Vapor Pressure:	Not determined.
Vapor Density (Air=1)	< 1
Water Solubility:	Complete.
Melting /Freezing Point:	32 deg. F.
Appearance:	Opalescent milky w hite.
Specific Grav. (water=1):	1.05
Percentage volatiles in concentrate:	Approx. 40 - 70% due to water and 13.3% due to solvents.
Evaporation Rate:	Slower than 1 (n-butyl acetate = 1)
pH:	In use solution: 8 ± 0.5
Odor:	Bland.

### ■ SECTION 04 PHYSICAL HAZARD DATA

Flash Point:	n.a.
Flammable Limits:	n.a.
Fire Fighting Media:	Water spray, CO <sub>2</sub> , alcohol foam. 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 <sub>2</sub> , No <sub>x</sub> may be produced

### ■ SECTION 06 HEALTH HAZARD DATA

Oral Toxicity:	Not determined for formulation.
Skin Toxicity:	Prolonged or repeated contact may cause irritation
Carcinogenicity:	None of the individual materials in this formulation are listed as carcinogens in NTP, IARC. Monographs, or are OSHA Regulated carcinogens.
Mutagenic Effects:	No mutagenic effect.

## ■ SECTION 07 SYMPTOMS OF OVEREXPOSURE

Symptoms of Inhalation: Prolonged exposure in poorly ventilated area may cause respiratory irritation.  
Symptoms of Skin Contact: May cause dermatitis or irritation in some individuals upon prolonged contact.  
Symptoms of Eye Contact: Direct contact may 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 with water. Remove clothing which has been saturated. 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 floor finish, wash hands after using.

## ■ SECTION 10 PRECAUTIONS FOR SAFE HANDLING STORAGE AND USE

Precautionary Measures: Avoid contact with eyes and prolonged contact with skin. Avoid breathing misted vapors.  
Spills Clean-up Procedures: 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

Health	1
Flammability	0
Reactivity	0

## ■ GENERAL NOTE ABOUT PRODUCTS

Janus<sup>®</sup> Silver HSB Urethane Enhanced 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.**

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MSDS: 2500 REVISED: 10/05**