



## I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 4548

PRODUCT NAME: POLY-SLIP

USE: Asphalt Release Agent

## SUPPLIER:

JohnsonDiversey Canada, Inc.  
2401 Bristol Circle  
Oakville Ontario, L6H 6P1, Canada

## EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: D2B

CHEMICAL FAMILY: not applicable

TRADE NAME / SYNONYMS: not applicable

CHEMICAL NAME: not applicable

## II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
Ethylene glycol monobutyl ether	1-5	000111-76-2	LD50 560 mg/kg	oral/rat
Sodium silicate	1-5	001394-09-8	LD50 3300 mg/kg	oral/rat
Sodium dodecyl benzene sulphonate	1-5	025155-30-0	LD50 1260 mg/kg	oral/rat

## III - HANDLING AND DISPOSAL PROCEDURES

## PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber or neoprene

Eye: safety glasses

Footwear: not applicable

Respiratory: If mists are generated, use NIOSH approved mask

Other: not applicable

SPECIAL HANDLING PROCEDURES AND EQUIPMENT: not applicable

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): strong oxidizers

SPILL PROCEDURES: Mop up or soak up with absorbent clay for disposal. Sweep or scoop up material for disposal.

WASTE DISPOSAL: Dispose according to municipal, provincial, and federal regulations.

STORAGE / SHIPPING REQUIREMENT: Store in a cool dry area in a closed container. Avoid freezing.

## IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White opaque liquid

S.G. / BULK DENSITY(g/cc): 1.040

pH: 12.5

VAPOUR PRESSURE (mmHg): 17.5 @20°C

VAPOUR DENSITY (air=1): &gt;1

ODOUR THRESHOLD: not available

BOILING POINT: approx. 100°C

FREEZING POINT: approx. 0°C

PERCENT VOLATILE: approx. 90%

SOLUBILITY IN WATER: soluble

EVAPORATION RATE (water=1): approx. 1

## V - TOXICOLOGICAL PROPERTIES

## EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: May cause severe irritation.

SKIN: Repeated or prolonged contact may result in irritation.

INGESTION: May cause severe irritation of the digestive tract.

INHALATION: May cause irritation.

<b>LD50 (calculated):</b> >10,000 mg/kg	<b>LC50 (calculated):</b> Not applicable
<b>OTHER TOXIC EFFECTS:</b> Ethylene glycol monobutyl ether TLV 25 ppm skin; Sodium silicate TLV 5 mg/m3 manual	
<b>EFFECTS OF CHRONIC EXPOSURE TO MATERIAL:</b> Not applicable	
<b>VI - FIRST AID MEASURES</b>	
<b>EYES:</b>	Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.
<b>SKIN:</b>	Flush affected area thoroughly with water. If irritation develops, contact a physician.
<b>INGESTION:</b>	Drink large volumes of water . Never give anything by mouth to an unconscious patient. Contact a physician immediately. Do not induce vomiting.
<b>INHALATION:</b>	Remove patient to fresh air.
<b>VII - FIRE AND EXPLOSION DATA</b>	
<b>FLAMMABLE:</b> not applicable	
<b>FLASH POINT, °C:</b> not applicable	<b>AUTO IGNITION TEMPERATURE, °C:</b> N/App.
<b>EXTINGUISHING MEDIA:</b> Water [x] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other [ ]	
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> not applicable	
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> Oxides of carbon.	
<b>EXPLOSIVE SENSITIVITY TO:</b> not applicable	
<b>VIII - REACTIVITY DATA</b>	
<b>STABILITY:</b> Stable [x] Unstable [ ]	
<b>CONDITIONS TO AVOID:</b> not applicable	
<b>INCOMPATIBILITY (Material to Avoid) :</b> Concentrated acids.	
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Oxides of carbon with incomplete combustion.	
<b>REACTIVITY:</b> not applicable.	
<b>IX - MSDS PREPARATION</b>	
<b>SOURCES USED:</b> RTECS	<b>PREPARED BY:</b> JohnsonDiversey Canada, Inc. Regulatory Department Industrial Division Phone (905) 829-1200
<b>PREPARATION DATE:</b> April 15, 2003	
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