

I - PRODUCT IDENTIFICATION AND USE

MSDS ID: 2662

PRODUCT NAME: NEXUS 101

USE: Retention Aid

SUPPLIER:

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

EMERGENCY PHONE:

1-800-668-7171

WHMIS CLASSIFICATION: not applicable

CHEMICAL FAMILY: Polyethers

TRADE NAME / SYNONYMS: PEO

CHEMICAL NAME: Poly(ethylene oxide)

II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	% w/w	CAS #	LD50 / LC50	Route / Species
None				

III - HANDLING AND DISPOSAL PROCEDURES

PERSONAL PROTECTIVE EQUIPMENT:

Gloves: natural rubber

Eye: safety goggles

Footwear: not required

Respiratory: NIOSH approved dust mask

Other: not required

SPECIAL HANDLING PROCEDURES AND EQUIPMENT:

Avoid breathing dust. Floor can be slippery where this product has been spilled, especially when wet.

VENTILATION REQUIREMENTS: general ventilation

INCOMPATIBILITY (Material to Avoid): None

SPILL PROCEDURES: Sweep or scoop up material for disposal. Floor can be slippery when wet. Mop up or soak up with absorbent clay for disposal.

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

STORAGE / SHIPPING REQUIREMENT: Store in a dry area away from moisture.

IV - PHYSICAL PROPERTIES

APPEARANCE / ODOUR: White to off-white powder

S.G. / BULK DENSITY(g/cc): 0.50

pH: (1% solution): 9.0 ± 1.0

VAPOUR PRESSURE (mmHg): not applicable

VAPOUR DENSITY (air=1): not applicable

ODOUR THRESHOLD: not applicable

BOILING POINT: not applicable

FREEZING POINT: not applicable

PERCENT VOLATILE: <1.0

SOLUBILITY IN WATER: not applicable

EVAPORATION RATE (water=1): not applicable

V - TOXICOLOGICAL PROPERTIES

EFFECTS OF ACUTE EXPOSURE TO MATERIAL:

EYES: Repeated or prolonged contact with dust may result in irritation.

SKIN: No serious or irreversible effects expected.

INGESTION: May cause irritation.

INHALATION: Breathing dust may cause respiratory irritation.

LD50 (calculated): >30,000 mg/kg

LC50 (calculated):

OTHER TOXIC EFFECTS: None

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: May contribute to nuisance dusts.

VI - FIRST AID MEASURES

EYES: Flush eyes with plenty of water for at least 15 minutes. Hold eyelids open while rinsing. Contact a physician.

SKIN: Wash skin with soap and water.

INGESTION: Drink large volumes of water. Never give anything by mouth to an unconscious patient. Induce vomiting. Contact a physician.

INHALATION: Remove patient to fresh air.

VII - FIRE AND EXPLOSION DATA

FLAMMABLE: No

FLASH POINT, °C: not applicable

AUTO IGNITION TEMPERATURE, °C: 280°C

EXTINGUISHING MEDIA: Water [] Dry Chemical [x] Carbon Dioxide [x] Foam [x] Other []

SPECIAL FIRE FIGHTING PROCEDURES: Use water to extinguish only if large volumes are available to flood area. Wear self-contained breathing apparatus. This material in contact with water can create extremely slippery walking surfaces.

HAZARDOUS COMBUSTION PRODUCTS: not applicable.

EXPLOSIVE SENSITIVITY TO: Impact [] Static Discharge [] Heat [] Other []

VIII - REACTIVITY DATA

STABILITY: Stable [x] Unstable []

CONDITIONS TO AVOID: high humidity, high temperature.

INCOMPATIBILITY (Material to Avoid) : Oxidizing agents ie: Chlorine

HAZARDOUS DECOMPOSITION PRODUCTS: None

REACTIVITY: not dangerously reactive

IX - MSDS PREPARATION

SOURCES USED: Supplier MSDS

PREPARED BY: JohnsonDiversey Canada, Inc.
Regulatory Department
Industrial Division
Phone (905) 829-1200

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