# **MATERIAL SAFETY DATA SHEET**

PRODUCT CODE: 018

**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION** 

PRODUCT NAME: **NP018 WATER REPELLENT** 

PRODUCT CODES: 018

MANUFACTURER: National Polymers Inc. STREET ADDRESS: 9 Guttman Avenue CITY, STATE, ZIP: Charleroi, Pa. 15022

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DATE REVISED: 2/12/10

#### **SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

INGREDIENT CAS NO. **OSHA PEL ACGIH TLV OSHA STEL** WEIGHT % POTASSIUM METHYL SILICONATE 31795-24-1 NONE NONE NONE

WATER 7732-18-5 NONE NONE NONE

SECTION 2 NOTES: \*No toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

#### **SECTION 3: PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE AND ODOR: TRANSPARENT WHITE OR COLORLESS LIQUID WITH SLIGHT ODOR

BOILING POINT OR RANGE: <sup>0</sup> F - 212 VAPOR DENSITY (AIR = 1): N/A SPECIFIC GRAVITY (H2O = 1): 1.0

**EVAPORATION RATE: N/A** 

SOLUBILITY IN WATER: NOT DETERMINED

**SECTION 3 NOTES:** 

## **SECTION 4: FIRE-FIGHTING MEASURES**

FLAMMABLE LIMITS IN AIR, UPPER: N/A (% by volume) LOWER: N/A

FLASH POINT: >212 +F **METHOD USED: SETA FLASH** 

**EXTINGUISHING MEDIA:** 

FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIRE FIGHTING PROCEDURES:

SELF CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING

CHEMICALS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** 

**NONE KNOWN** 

**SECTION 4 NOTES:** 

#### **SECTION 5: STABILITY AND REACTIVITY**

STABILITY:

**STABLE** 

**CONDITIONS TO AVOID (STABILITY):** 

NONE KNOWN

**INCOMPATIBILITY (MATERIAL TO AVOID):** 

AVOID CONTACT WITH OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

CARBON OXIDES AND TRACES OF INCOMPLETE CARBON COMPOUNDS, SILICON DIOXIDE (HIGH HEAT), METAL OXIDES AND **FORMALDEHYDE** 

**HAZARDOUS POLYMERIZATION:** 

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WILL NOT OCCUR

**SECTION 5 NOTES:** 

## **SECTION 6: HAZARDS IDENTIFICATION**

HMIS HAZARD CLASSIFICATION

HEALTH: 2 FLAMMIBILITY: 1 REACTIVITY: 0 PERSONAL PROTECIVE EQUIPMENT: G

POTENTIAL HEALTH EFFECTS

EYES:

DIRECT CONTACT CAN BURN EYES AND CAUSE POSSIBLE PERMANENT INJURY.

SKIN:

CONTACT WITH SKIN CAN CAUSE BURNS OR IRRITATION.

INGESTION:

CAN CAUSE BURNS TO THE MOUTH, THROAT OR DIGESTIVE SYSTEM IF SWALLOWED.

INHALATION:

MIST MAY SERIOUSLY IRRITATE NOSE, THROAT, AND LUNGS DEPENDING ON CONCENTRATION AND DURATION OF EXPOSURE. HEALTH HAZARDS (ACUTE AND CHRONIC):

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CONTACT CAN CAUSE BURNS TO EYES OR SKIN. CONTACT CAN CAUSE IRRITATION.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** 

**NONE KNOWN** 

**CARCINOGENICITY** 

OSHA: NO NTP: NO IARC: NO

NO COMPONENTS OF THIS PRODUCT ARE LISTED AS CARCINOGENS.

#### **SECTION 7: FIRST AID MEASURES**

**EYES:** 

IMMEDIATELY FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION.

SKIN:

FLUSH SKIN IMMEDIATELY WITH WATER FOR AT LEAST 15 MINUTES AND SEEK MEDICAL ATTENTION IF NECESSARY.

INGESTION:

DO NOT INDUCE VOMITING AND SEEK MEDICAL ATTENTION.

INHALATION:

REMOVE TO FRESH AIR AREA AND RECEIVE MEDICAL ATTENTION IF ILL EFFECTS PERSIST.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

IN ALL CASES OF EXPOSURE, TREAT ACCORDING TO PERSON'S CONDITION AND SPECIFIC EFFECTS OF EXPOSURE.

**SECTION 7 NOTES:** 

### **SECTION 8: RELEASE MEASURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WEAR THE APPROPRIATE SAFETY EQUIPMENT. DYKE MATERIAL AND TAKE UP REMAINDER WITH ABSORBANT TO SALVAGE CONTAINER.

**SECTION 8 NOTES:** 

## **SECTION 9: WASTE DISPOSAL**

WASTE DISPOSAL METHOD:

DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAWS.

### **SECTION 10: HANDLING AND STORAGE**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

WEAR SUITABLE PROTECTIVE CLOTHING TO AVOID CONTACT WITH MATERIAL. WEAR NEOPRENE OR RUBBER GLOVES. WEAR SPLASH GOGGLES WITH SIDE SHIELDS. STORE AWAY FROM HIGH HEAT, CONTACT WITH FLAMES AND/OR SPARKS. KEEP MATERIAL IN SEALED CONTAINERS THAT ARE PROPERLY LABELED. DO NOT ALLOW MATERIAL TO FREEZE. OTHER PRECAUTIONS:

USE GENERAL SAFETY PRECAUTIONS WHEN USING THIS MATERIAL. WASH HANDS BEFORE USING TOILET FACILITIES. REMOVE CONTAMINATED CLOTHING PROMPTLY.

**SECTION 10 NOTES:** 

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## SECTION 11: EXPOSURE CONTROLS/PERSONAL PROTECTION

## **RESPIRATORY PROTECTION:**

USE A SUITABLE (NIOSH APPROVED ORGANIC VAPOR) RESPIRATOR UNLESS ADEQUATE VENTILLATION IS PROVIDED. AVOID THE INHALATION OF ANY MISTS THAT MAY BE GENERATED IN THE APPLICATION PROCESS.

**VENTILATION:** 

PROVIDE FOR ADEQUATE GENERAL VENTILATION.

**PROTECTIVE GLOVES:** 

IMPERVIOUS GLOVES, NEOPRENE OR RUBBER.

**EYE PROTECTION:** 

SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

PROVIDE NECESSARY CLOTHING AND SAFETY EQUIPMENT TO PREVENT CONTACT WITH MATERIAL.

**WORK HYGIENIC PRACTICES:** 

TYPICAL HYGENIC PRACTICES SHOULD BE EMPLOYED TO PREVENT EXPOSURE AND CONTACT TO MATERIAL.

**SECTION 11 NOTES:** 

## **SECTION 12: DISCLAIMER**

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