SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: NP017 WATER REPELLENT PRODUCT CODES: 017

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

INFORMATION PHONE: 724-483-9300 EMERGENCY PHONE: Chemtrec 800-424-9300 FAX PHONE: 724-483-9306

PREPARED BY: Harry Jackson

DATE REVISED: 12/12/05

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT_	CAS NO.	OSHA PEL	ACGIH TLV	OSHA STEL	WEIGHT %
SODIUM METHYL SILICONATE	016589438	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: ⁰ 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:

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): 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:

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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