

# MATERIAL SAFETY DATA SHEET

PRODUCT CODE: 3599

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** NP3599  
**PRODUCT CODES:** 3599

**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:** 1/2/15

**Chemical Name or Class:** Metal crosslinked stone finish

## SECTION 2: HAZARDS IDENTIFICATION

### Hazard Overview

**GHS Classification:** Serious eye irritation category 2B, Reproductive toxicity category 2, Specific target organ toxicity - repeat exposure category 2.

### GHS Label Elements and Precautionary Statements:

**Label Elements:** Exclamation Mark, Health hazard



### Hazard Statements:

Warning: Causes eye irritation.

Warning: Suspected of damaging the fertility or the unborn child.

Warning: May cause damage to organs through prolonged or repeated exposure.

Precautionary statements:

P102 Keep out of reach of children.

P103 Read label before use

P264 Wash skin thoroughly after handling

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection

P260 Do not breathe dust/fume/gas/mist/vapours/spray

Response:

P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337 + P313 IF eye irritation persists: Get medical advice/attention.

P308 + P313 IF exposed or concerned: Get medical advice/attention.

P314 Get medical advice/attention if you feel unwell.

Storage:

P405 Store locked up

Disposal:

P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws

### HMIS HAZARD CLASSIFICATION

**HEALTH: 2**      **FLAMMABILITY: 1**      **REACTIVITY: 0**      **PERSONAL PROTECTIVE EQUIPMENT: G**

### POTENTIAL HEALTH EFFECTS

#### EYES:

**DIRECT CONTACT CAN CAUSE IRRITATION.**

#### SKIN:

**DIRECT CONTACT CAN CAUSE IRRITATION.**

#### INGESTION:

**MAY CAUSE MOUTH, THROAT, ESOPHAGUS AND STOMACH IRRITATION, NAUSEA, VOMITING, AND DIARRHEA.**

#### INHALATION:

**MIST MAY IRRITATE NOSE, THROAT, AND LUNGS DEPENDING ON CONCENTRATION AND DURATION OF EXPOSURE.**

#### HEALTH HAZARDS (ACUTE AND CHRONIC):

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DIETHYLENE GLYCOL MONOMETHYL ETHER MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. IT MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS SUCH AS BIRTH DEFECTS, MISCARRIAGE, OR INFERTILITY BASED ON ANIMAL STUDIES. DEGMME IS ALSO A PEROXIDE FORMER.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**  
RESPIRATORY CONDITIONS OR OTHER ALLERGIC RESPONSE.

**CARCINOGENICITY**

OSHA: YES      NTP: NO      IARC: NO

**ADDITIONAL CARCINOGENICITY INFORMATION:**

NO COMPONENTS OF THIS PRODUCT ARE LISTED AS CARCINOGENS.

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## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>OSHA STEL</u>	<u>WEIGHT %</u>
DIPROPYLENE GLYCOL MONOMETHYL ETHER	34590-94-8	100PPM	100PPM	150PPM	1-5
*DIETHYLENE GLYCOL METHYL ETHER	111-77-3	N/E	N/E	N/E	4.5
WATER	7732-18-5	NONE	NONE	NONE	60-100

\*Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

**Note:** Ingredients listed without percentages, the percentages are considered a trade secret.

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## SECTION 4: FIRST AID MEASURES

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**EYES:**

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

**SKIN:**

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

**INGESTION:**

DO NOT INDUCE VOMITING AND SEEK IMMEDIATE MEDICAL ATTENTION.

**INHALATION:**

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

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, (% by volume)**      **UPPER:** not available  
**LOWER:** not available

**FLASH POINT:** 201+F

**METHOD USED:**

SETA FLASH

**EXTINGUISHING MEDIA:**

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

**SPECIAL FIRE FIGHTING PROCEDURES:**

NONE KNOWN

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

NO UNUSUAL FIRE HAZARDS KNOWN.

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## SECTION 6: RELEASE MEASURES

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

WEAR APPROPRIATE SAFETY EQUIPMENT WHEN HANDLING MATERIAL. DYKE MATERIAL AND TAKE UP WITH ABSORBANT TO SALVAGE CONTAINER.

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## SECTION 7: HANDLING AND STORAGE

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**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.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**RESPIRATORY PROTECTION:**

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

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## VENTILATION:

PROVIDE FOR ADEQUATE VENTILATION.

## PROTECTIVE GLOVES:

IMPERVIOUS GLOVES, NEOPRENE OR RUBBER.

## EYE PROTECTION:

SPLASH PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS

## OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

CLEAN BODY COVERING CLOTHING AS WELL AS APRON FOOTWEAR OR OTHER EQUIPMENT SHOULD BE USED AS DEEMED NECESSARY TO AVOID CONTACT WITH THE MATERIAL.

## WORK HYGIENIC PRACTICES:

OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

SEE SECTION THREE FOR OCCPATIONAL EXPOSURE LIMIT VALUES.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE AND ODOR:** SEMI-TRANSPARENT WHITE LIQUID WITH SLIGHT ODOR

**BOILING POINT OR RANGE:** N/A

**VAPOR DENSITY (AIR = 1):** N/A

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.0

**EVAPORATION RATE:** N/A

**Odor Threshold:** N/A

**pH:** N/A

**Melting point/freezing point:** N/A

**Vapor Pressure:** N/A

**Auto Ignition Temperature:** N/A

**Partition Coefficient: n-octanol/water:** N/A

**Decomposition Temperature:** N/A

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## SECTION 10: STABILITY AND REACTIVITY

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### STABILITY:

STABLE

### CONDITIONS TO AVOID (STABILITY):

PROTECT FROM FREEZING. PROTECT FROM ELEVATED TEMPERATURES.

### INCOMPATIBILITY (MATERIAL TO AVOID):

NONE KNOWN

### HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

INCOMPLETE COMBUSTION CAN PRODUCE CARBON MONOXIDE

### HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

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## SECTION 11: TOXICOLOGICAL INFORMATION

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No data for the product itself.

### Component data:

**Component DIPROPYLENE GLYCOL MONOMETHYL ETHER CAS# 34590-94-8:** LD50 Oral = 5200 mg/kg (rat). LD50 Dermal = 9500 mg/kg (rabbit). LC50 Inhalation =>500 ppm/7hr (rat).

**Component DIETHYLENE GLYCOL METHYL ETHER CAS# 111-77-3:** LD50 Oral = 7128 mg/kg (mouse and rat). LD50 Dermal = 9404 mg/kg (rabbit). LC50 Inhalation = .2000 Mg/Cu.M., 1 hr (rat).

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## SECTION 12: ECOLOGICAL INFORMATION

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No data available for this product.

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## SECTION 13: WASTE DISPOSAL

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### WASTE DISPOSAL METHOD:

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

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## SECTION 14: Transport Information

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**DOT:** Not Regulated

**IMO/MDG:** Not Regulated

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## SECTION 15: REGULATORY INFORMATION

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No data for the product itself.

Component data:

**Component DIPROPYLENE GLYCOL MONOMETHYL ETHER CAS# 34590-94-8:** Component is on the TSCA and Canada DSL lists.

**Component DIETHYLENE GLYCOL METHYL ETHER CAS# 111-77-3:** Component is on the TSCA list and Canada DSL list. This component is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

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## SECTION 16: OTHER INFORMATION

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**DISCLAIMER:** The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

N/A = Not Available

See Section 1 for date of preparation