

API-NSF101

Section 1. Product and Company Identification

Product Name: **API-NSF101**
Chemical Name/Family: Water Based Emulsion
CAS No.: Mixture
Product Use: Textile Water Repellent
Restrictions: For Industrial Use Only
Company: Advanced Polymer, Inc.
Address: 400 Paterson Plank Road Carlstadt, NJ 07072 U.S.A.
Telephone: 201-933-0600
Fax: 201-933-8442
24 Hour Emergency Number 800-424-9300
24 Hour Chemtrec Number 800-424-9300

Section 2. Hazards Identification

GHS Classification:

| | |
|------------------------------|----------------|
| Physical Hazards | Not Classified |
| Health Hazards | Not Classified |
| Environmental Hazards | Not Classified |

GHS Label:

Symbol: None

Signal Word: None

Hazard Classification:

Hazard Statement: None

Precautionary Statement: None

Potential Health Effects:

Product is not considered hazardous under normal conditions.
Direct contact with eyes can cause irritation.
Prolonged or repeated contact with skin may cause irritation.

Section 3. Hazardous Composition/Information on Ingredients

| Ingredients | CAS No. | Percent |
|---|---------|---------|
| There are no components contained in this material at concentrations above 1% that are considered hazardous under 29CFR1910.1200. | | |

Section 4. First Aid Measures

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| Skin Contact: | Wash affected areas with plenty of water and soap for several minutes. Call a physician if irritation develops. |
| Eye Contact: | First rinse eyes with water. Remove any contact lenses, and continue washing with running water for at least 15 minutes. Call a physician if irritation develops. |
| Inhalation: | If inhaled, remove the affected individual immediately to fresh air. Call a physician if respiratory irritation develops or if breathing becomes difficult. |
| Ingestion: | If swallowed seek medical attention and show the doctor packing or label. Do not induce vomiting unless directed to do so by medical personnel. Do not give anything to an unconscious or convulsing person. |

Section 5. Firefighting Measures

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| Fire and Explosion Hazard: | The product itself does not burn. Hazardous decomposition products formed under fire conditions. Hazardous combustion products: Hydrogen fluoride, carbon dioxide, carbon monoxide and other hazardous decomposition products may be formed. |
| Fire Extinguishing Media: | Alcohol-resistant foam, dry chemical, carbon dioxide, or water spray jet. |
| Unsuitable Extinguishing Media: | None |
| Thermal Decomposition: | To avoid thermal decomposition, do not overheat. Thermal decomposition can lead to release of irritating gases and vapors. |
| Special Fire Fighting Information: | Evacuate personnel to safe areas. Wear self-contained breathing apparatus and appropriate full protective equipment. Move containers from area of the fire if this can be done without risk. Cool fire-exposed containers with water. Do not allow run-off from fire-fighting to enter drains or water courses. |

Section 6. Accidental Release Measures

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| Personal Precautions: | Evacuate personnel to safe area. Ensure cleanup is done only by trained personnel. Material can create slippery conditions. |
| Protective Equipment: | Wear personal protective equipment. Ventilate area. |
| Environmental Precautions: | Do not discharge to streams, ponds, lakes or sewers. Avoid subsoil penetration. |
| Methods and Materials for Containment and Cleaning up: | Soak up with sawdust, sand, oil dry or other absorbent material. Pick up and transfer to properly labelled containers. |

Section 7. Handling and Storage

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| Handling Conditions: | Avoid contact with skin, eyes and clothing. Do not breathe vapors, mist or gas. Wash hands thoroughly after handling. Do not spray near open flame or heated surface. **Agitate thoroughly before use** |
| Storage Conditions: | Keep container tightly closed in a dry, cool and well-ventilated place. Keep away from heat, and sunlight. *** WARNING - PROTECT FROM FREEZING*** In the cold months, a freeze indicator is attached to this shipment (one indicator per pallet). If the bulb on the indicator is not clear, this shipment was exposed to temperatures below 32°F (0°C). Perishable if frozen. If product is exposed, product quality testing should be performed before accepting the shipment. |

Section 8. Exposure Control/Personal Protection

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| Exposure Limits: | None established. |
| Appropriate engineering controls: | Local ventilation must be used during application. Use suitable ventilation to remove mists or vapors during spray or other applications. |
| Personal protective equipment: | |
| Respiratory Protection: | Wear respirator where vaporizing occurs. |
| Hand Protection: | Wear protective gloves. |
| Eye Protection: | Wear safety glasses with side shields or goggles. |
| Skin and Body Protection: | Rubber apron, boots or coveralls as necessary to prevent skin contact. |
| Hygiene Measures: | An eyewash and safety shower should be nearby and ready for use. |

Section 9. Physical and Chemical Properties

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|---|--------------------------|
| Physical State: | Liquid |
| Color: | Milky White |
| Odor: | Slight |
| Odor Threshold: | N.D. |
| pH: | 3.5 – 6.5 |
| Specific Gravity (77°F): | ~1.00 |
| % Non-volatile by Weight: | 24.0 – 26.0 |
| Freezing Point: | N.D. |
| Boiling point: | >100°C (>212°F) |
| Flash Point: | >100°C (212°F) |
| Evaporation Rate (BuAc=1): | N.D. |
| Flammability: | N.D. |
| Explosion Limits: | (lower) N/D, (upper) N/D |
| Vapor Pressure (mmHg): | N.D. |
| Vapor Density (Air=1): | N.D. |
| Solubility: | Dilutable |
| Viscosity: | N.D. |
| Thermal Decomposition Temperature: | No information available |

Section 10. Stability and Reactivity

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| Chemical Stability: | Stable under normal temperature and pressure. |
| Hazardous Polymerization: | Will not occur. |
| Conditions to Avoid: | Do not overheat to prevent from thermal decomposition. PROTECT FROM FREEZING. |
| Incompatible Materials: | Strong Oxidizers, alkalis. |
| Hazardous Decomposition Products: | In case of fire situation oxides of carbon and nitrogen and other hazardous decomposition products may be formed. |

Section 11. Toxicological Information

Primary Routes of Entry:

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|------|----|-------|-----|-------------|----|------------|----|
| Eye: | No | Skin: | Yes | Inhalation: | No | Ingestion: | No |
|------|----|-------|-----|-------------|----|------------|----|

Signs and Symptoms of Exposures:

Acute Toxicity: No information available

Chronic Toxicity: No information available

Respiratory or Skin Sensitization: No information available

Mutagenicity: No information available

Carcinogenicity:

| | | | | | |
|-------|----|------|----|-------|----|
| IARC: | No | NTP: | No | OSHA: | No |
|-------|----|------|----|-------|----|

Section 12. Ecological Information

Ecotoxicity (Aquatic and Terrestrial): No information available

Bioaccumulative Potential No information available

Mobility in Soil: No information available

PBT and vPvB Assessment: No information available

Other Adverse Effects: No information available

Section 13. Disposal Considerations

Product: As in accordance with EPA, state and local regulations. Do not dump this product into sewers, on the ground or into any body of water.

Disposing of Contaminated Packaging: Treat as unused product as above.

Section 14. Transport Information

API-NSF101 is classified as non-hazardous and not regulated for transportation by DOT.

Section 15. Regulatory Information

International Inventories:

TSCA (USA): Listed

DSL (Canada): Listed

ENCS (Japan) Listed

EINECS (Europe): Listed

IECSC (China): Listed

KECL (Korea): Listed

AICS (Australia): Not Listed

ERMA (New Zealand): Not Listed

Federal Regulations:

SARA 313: None

SARA 311/312:

Acute Health Hazard No

Chronic Health Hazard No

Fire No

Reactive/Physical Hazard No

Pressure No



Clean Water Act: No information available
Clean Air Act, Section 112 HAPs (See 40CFR61): No information available

State Regulations:

New Jersey Right to Know Components: None
Pennsylvania Right to Know Components: None
California Proposition 65: None

Section 16. Other Information

WHMIS Classification: No information available

HMIS Rating:

Health Hazard 1
Flammability: 1
Physical Hazard: 0
Personal Protection Equipment: X

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