

Section 1. Identification

Product Name: GP1 Primer

Product Code: GP1

Manufacturer Name: PROFLEX® Products, Inc.

Address: 1603 Grove Ave.

Haines City, FL 33844

Emergency Phone: (877) 577-6353

Recommended Use: Primer, Surface Primer, Bonding Primer

Section 2. Hazard(s) Identification

Classification of the substance or mixture:

This product is not classified as hazardous under GHS criteria.

Hazard statements: None

Precautionary statements: If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read label before use.

Trade Secret: A trade secret is being claimed for a specific chemical identity and exact percentages.

Other Non-GHS Classification:

WHMIS NFPA/HMIS



Health	1
Flammability	0
Physical Hazard	0
Personal Protection	X

HMIS RATINGS (0-4)

Health = 1

Flammability = 0

Physical Hazard = 0

Personal Protection = X

Section 3. Composition / Information on Ingredients

Ingredients:

Percentages are by weight

CAS 1336-21-6	Ammonium Hydroxide, ACS	<0.2%
CAS 7732-18-5	Water	50-85%
CAS 141-32-2	Butyl Acrylate	<0.1%
CAS confidential	Proprietary polymer	15-50%

Section 4. First Aid Measures

Description of first aid measures

Inhalation: Move victim to fresh air. If breathing is irregular or stopped, administer artificial respiration. Consult physician if symptoms develop and persist.

Skin Contact: Immediately take off all contaminated clothing and dispose of safely. Wash skin immediately with soap and plenty of water. Get medical attention if necessary.

Eye Contact: Rinse eyes with water with eyelids open for at least 15 minutes. Remove contact lenses if possible. Consult physician in necessary.

Ingestion: Do not induce vomiting. Wash mouth with water. Consult physician if necessary.

Most important symptoms and effects, both acute and delayed:

Irritation, Headache, Nausea, Shortness of breath.; 1336-21-6: Upper respiratory tract irritation, eye damage

Indications of any immediate medical attention and special treatment needed:

If seeking medical attention provide SDS document to physician. Physician should treat symptomatically.

Section 5. Fire Fighting Measures

Extinguishing media

Suitable extinguishing agents: Use water, dry chemical, chemical foam, carbon dioxide, or alcohol-resistant foam.

For safety reasons unsuitable extinguishing agents: Special

Special hazards arising from the substance or mixture: x

Thermal decomposition can lead to release of irritating gases and vapors.

Advice for firefighters:

Protective equipment: Wear protective eyewear, gloves, and clothing. Refer to Section 8. Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA).

Additional information (precautions): Avoid inhaling gases, fumes, dust, mist, vapor, and aerosols. Avoid contact with skin, eyes, and clothing.

Section 6. Accidental Release Measures

Personal Precautions: Ensure adequate ventilation. Ensure that air-handling systems are operational.

Environmental Precautions: Should not be released into environment. Prevent from reaching drains, sewer, or waterway.

Methods of Clean-up: Wear protective eyewear, gloves, and clothing. Refer to section 8. Containerize for disposal. Refer to Section 13. If necessary, use trained response staff or contractor. Evacuate personnel to safe areas. Keep in suitable closed containers for disposal. Absorb with suitable material.

Section 7. Handling and Storage

Handling Precautions:

Avoid contact with skin, eyes, and clothing. Follow good hygiene procedures when handling chemical materials. Refer to Section 8. Follow proper disposal methods. Refer to Section 13. Do not eat, drink, smoke, or use personal products when handling chemical substances.

Storage: Store in cool location. Keep separate from food, and beverages. Protect from freezing and physical damage. Provide ventilations for containers. Keep container tightly sealed. Store away from incompatible materials.

Section 8. Exposure Controls / Personal Protection



Control Parameters:

1336-21-6, Ammonium hydroxide, TLV 17 mg/m³. ACGIH
1336-21-6, Ammonium hydroxide, OSHA PEL: 35 mg/m³
1336-21-6, Ammonium hydroxide, TWA 25 ppm (18mg/m³) USA. ACGIH
1336-21-6, Ammonium hydroxide, TWA 25 ppm (18mg/m³) USA. NIOSH

Engineering Controls: Emergency eye wash stations and safety showers should be installed and accessible. Provide adequate ventilation and other engineering controls to keep vapor and mists below applicable workplace exposure limits (Occupational Exposure Limits-OELs) indicated above.

Respiratory protection: Not required under normal conditions of use. Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. When necessary, use NIOSH approved breathing equipment.

Protection of skin: Select glove material impermeable and resistant to the substance. Select glove material based on rates of diffusion and degradation. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Use proper glove removal technique without touching outer surface. Avoid skin contact with used gloves. Wear protective clothing.

Eye protection: Wear equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Safety glasses or goggles are appropriate eye protection. General hygienic measures: Perform routine housekeeping. Wash hands before breaks and at the end of work. Avoid contact with skin, eyes, and clothing. Before wearing wash contaminated clothing. Do not eat, drink or smoke in work areas.

Section 9. Physical and Chemical Properties

Appearance:	Liquid, red, pink
Odor:	Slight, sweet
Explosion limit lower:	Not Determined
Explosion limit upper:	Not Determined
Vapor Pressure:	17 mm HG @ 20 °C
Vapor Density:	<1
Relative Density:	Not Determined
Odor Threshold:	Not Determined
Solubility:	Miscible
pH-value:	5-10
Partition Coefficient:	Not Determined
Melting/ Freezing Point:	Approx. 0 °C
Boiling Point:	100 °C at 17 mm Hg
Auto-ignition Temperature:	Not Determined

Flash Point:	Not Determined
Decomposition Temperature:	>177 °C
Evaporation Rate:	Not Determined
Viscosity:	a. Kinematic: Not Determined b. Dynamic: Not Determined
Flammability (Solid/Gas):	Not Determined
Upper/Lower Flammability:	Not Determined
VOC Content:	Not Determined
Vapor Pressure:	Not Determined
Density:	1.00-1.03
Recommended Storage Temperature:	1.0 °C - 49 °C

Section 10. Stability and Reactivity

Reactivity: Nonreactive under normal conditions.

Chemical stability: Stable under normal conditions.

Possible hazardous reactions: None under normal processing.

Conditions to avoid: Incompatible materials. Incompatible materials:

Hazardous decomposition products:

Section 11. Toxicological Information

Acute Toxicity: Oral: 1336-21-6, Ammonium Hydroxide: LD50: 350 mg/kg (rat)

Chronic Toxicity: No additional information.

Corrosion Irritation: No additional information.

Sensitization: Skin Sens. 1

Single Target Organ (STOT): No additional information.

Numerical Measures: No additional information.

Carcinogenicity: No additional information.

Mutagenicity: No additional information.

Reproductive Toxicity: No additional information.

Section 12. Ecological Information

Ecotoxicity Persistence and degradability:

Bioaccumulative potential:

Mobility in soil:

Other adverse effects:

Section 13. Disposal Considerations

Waste disposal recommendations:

Contact a licensed professional waste disposal service to dispose of this material. Dispose of empty containers as unused product. Product or containers must not be disposed with household garbage. It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities (US 40CFR262.11). Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Chemical waste generators must also consult local, regional, and national hazardous waste regulations. Ensure complete and accurate classification.

Section 14. Transport Information

UN-Number Not Regulated
UN proper shipping name Not Regulated
Transport hazard class(es)
Packing group: Not Regulated
Environmental hazard:
Transport in bulk:
Special precautions for user:

Section 15. Regulatory Information**United States (USA)**

SARA Section 311/312 (Specific toxic chemical listings): None of the ingredients is listed

SARA Section 313 (Specific toxic chemical listings): 1336-21-6 Ammonium hydroxide

RCRA (hazardous waste code): None of the ingredients is listed

TSCA (Toxic Substances Control Act): All ingredients are listed.

CERCLA (Comprehensive Environmental Response, Compensation, and Liability Act):
1336-21-6 Ammonium Hydroxide

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients is listed

Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed

Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed

Chemicals known to cause developmental toxicity: None of the ingredients is listed

Canada

Canadian Domestic Substances List (DSL): All ingredients are listed.

Canadian NPRI Ingredient Disclosure list (limit 0.1%)

Canadian NPRI Ingredient Disclosure list (limit 1%): 1336-21-6 Ammonium hydroxide

Section 16. Other Information

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the SDS contains all the information required by the Controlled Products Regulations. Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations applicable to this material.

Abbreviations and acronyms:

ACGIH: American Conference of Governmental Industrial Hygienists
CAS: Chemical Abstracts Service (division of the American Chemical Society)
CFR: Code of Federal Regulations (USA)
DNEL: Derived No-Effect Level (REACH)
DOT: US Department of Transportation
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
HMIS: Hazardous Materials Identification System (USA)
IATA: International Air Transport Association
IMDG: International Maritime Code for Dangerous Goods
NFPA: National Fire Protection Association (USA)
NPRI: National Pollutant Release Inventory (Canada)

PNEC:	Predicted No-Effect Concentration (REACH)
RCRA:	Resource Conservation and Recovery Act(USA)
SARA:	Superfund Amendments and Reauthorization Act (USA)
TSCA:	Toxic Substances Control Act (USA)
WHMIS:	Workplace Hazardous Materials Information System (Canada)

Prepared by: PROFLEX Product Safety & Regulatory Compliance Group

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