



# Material Safety Data Sheet

## GatorHyde UV 100 Component B

**MANUFACTURER**  
GatorHyde Protective Coatings, Inc.  
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### 1- Chemical Product Identification

Product Code: 2066  
Product Name: GatorHyde UV 100  
Chemical Name: Mixture of amine compounds  
Chemical Formula: Not Applicable (Product is a mixture)  
CAS Number: 9046-10-0 (largest %)

### Component B

### 2- Hazardous Ingredients

Chemical Name	CAS #	OSHA PEL	ACGIH TLV
Polyoxypropylenediamine <sup>1</sup>	9046-10-0	None established	None established
Aliphatic Diamines	154279-60-4	None established	None established
Isophorone Diamine	002855-13-2	0.1 mg/m <sup>3</sup>	0.1mg/m <sup>3</sup>

<sup>1</sup> Toxic chemical as defined by OSHA (1910.1200)

### 3- Hazards Identification

#### Potential Health Effects:

Route (s) of Entry: Skin Contact- from liquid and aerosols (spray applications)  
Inhalation- Inhalation hazard can exist from spraying.

#### Human Effects and Symptoms of Overexposure:

Acute Inhalation: Vapors or mist in excess of permissible concentrations or in usually high concentrations from spraying, heating the material, or from exposure in poorly ventilated areas may cause irritation of the nose and throat, headache, nausea, and drowsiness.

Chronic Inhalation: No adverse effects have been documented.

Acute Skin Contact: Brief contact may cause slight irritation. Prolonged contact as with clothing wetted with material may cause more severe irritation and discomfort.

Chronic Skin Contact: No adverse effects have been documented.

Acute Eye Contact: Causes irritation experienced as pain with excess blinking and tear production and seen as extreme redness and swelling of the eye. Chemical burns can also occur. Severe eye damage may cause blindness. Product is corrosive -Get Medical Attention.

Chronic Eye Contact: No adverse effects have been documented.

Acute Ingestion: May cause abdominal discomfort, nausea, and diarrhea.

Chronic Ingestion: No adverse effects have been documented.

Carcinogenicity: None of the ingredients are listed by the NTP, IARC, or regulated by OSHA as carcinogens.

NTP: Not Listed  
IARC: Not Listed  
OSHA: Not Listed

Medical Conditions Aggravated by Exposure: No adverse effects have been documented.

#### 4- First Aid Measures

First Aid for Eyes: Flush with copious amounts of water, preferably lukewarm water for at least 15 minutes, holding eyelids open all the time. Refer individual to a physician or ophthalmologist for immediate follow-up.

First Aid for Skin: Remove contaminated clothing. Wash affected skin thoroughly with soap and water. Wash contaminated clothing thoroughly before reuse. For severe exposures, get under safety shower after removing clothing, then get medical attention. For lesser exposures, seek medical attention if irritation develops or persists after the area is washed.

First Aid for Inhalation: Move to an area free from risk of further exposure. Administer oxygen or artificial respiration if needed. Obtain medical attention. Consult physician if this should occur.

First Aid for Ingestion: Give 1 to 2 cups of water to drink. Do not give anything by mouth to an unconscious person. Consult physician.

#### 5- Fire Fighting Measures

Flash Point: >275°F Pinsky-Martens closed cup (ASTM D-93)

Extinguishing Media: Dry chemical; carbon dioxide; foam; water spray for large fires (frothing may occur).

Special Fire Fighting Procedures:  
Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. Explosive rupture is possible. Therefore, use cold water to cool fire exposed containers.

#### 6- Accidental Release Measures

Spill or Leak Procedures: Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment, including respiratory equipment during clean-up.

#### 7- Handling and Storage

Storage Temperature (Min/Max): 55°F to 85°F

Shelf Life: Six Months at 77°F

Special Sensitivity: If container is exposed to high heat (>100°F), a nitrogen atmosphere is recommended.

Handling/Storage Precautions: Store in tightly closed containers to prevent moisture contamination. Do not reseal if contamination is suspected. Avoid contact with skin and eyes.

#### 8- Personal Protection

Eye Protection Requirements: Liquid chemical goggles. Vapor resistant goggles should be worn when contact lenses are in use. In a splash hazard environment chemical goggles should be used in combination with a full face shield.

Skin Protection Requirements: Permeation resistant gloves (butyl rubber, nitrile rubber, polyvinyl alcohol). However, please note that PVA degrades in water. Cover as much of the exposed skin area as possible appropriate clothing. A tyvek suit is preferable to reduce to possible amount of skin contact.

Ventilation Requirements: Local exhaust should be used to maintain levels whenever product is processed, heated or spray applied. Consult the ACGIH Industrial Ventilation guidelines for adequate ventilation.

Respirator Requirements: Strong concentrations can occur from product when it is sprayed or heated in a poorly ventilated area. A respirator fitted with activated charcoal is always recommended while spray applying this product. In some cases a supplied air apparatus should be used.

#### 9- Physical And Chemical Properties

Physical Form:	Liquid	Color:	Can Vary-pigmented
Odor:	Ammonia like	Odor Threshold:	Not Established
pH:	>10	Boiling Point:	>500°F
Melting/Freezing Point:	Not determined	Viscosity:	Not Determined
Sol. In Water:	Not determined	Specific Gravity:	0.90 @ 77°F
Bulk Density:	NA	% Vol. By Volume:	Zero
Vapor Pressure:	<1 mmHG @ 68°F	Vapor Density:	>1

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**10- Stability and Reactivity**

Stability: This is a stable material.  
 Hazardous Polymerization: Will not occur  
 Incompatibilities: Will react with acids  
 Instability Conditions: None known  
 Decomposition Products: By high heat and fire: Toxic levels of ammonia, oxides of nitrogen, some aldehydes or ketones may be produced.

**11- Toxicological Information**

Toxicity Data For: Polyoxypropylenediamine (largest % of product)  
 Acute Toxicity: Oral LD50- 2.69 g/kg (rat)  
 Dermal LD50- 12.5 g/kg (rabbit)  
 Inhalation LC50- Not Determined  
 Eye Effects: (Draize) 85.6/110 (rabbit) Extremely irritating.  
 Skin Effects: (Draize) 2.9/8.0 (rabbit) Slightly irritating.  
 Sensitization: (Buehler) Negative-skin (guinea pig).  
 Chronic Toxicity: No Data  
 Carcinogenicity: No Data  
 Mutagenicity: No Data  
 Developmental Toxicity: No Data

**12- Ecological Information**

Ecology Data For: Polyoxypropylenediamine (largest % of product)  
 Aquatic Toxicity: No data

**13- Disposal Considerations**

Waste Disposal Method: Waste must be disposed of according to federal, state and local laws.

**14- Transportation Information**

Technical Shipping Name: Paint related material, N.O.I.  
 Freight Class Bulk: Shipping Class 55  
 Freight Class Package: Chemicals, NOI, NNFC 60000  
 Product Label: Product label established  
 DOT (Domestic Surface) Not Regulated  
 IMO/IMDG Code (Ocean) Not Regulated  
 ICAO/IATA (Air) Not Regulated

**15- Regulatory Information**

OSHA: None  
 TSCA: On TSCA inventory  
 CERCLA Reportable Inventory: Non-reported  
 SARA Title III: Section 302 Extremely Hazardous Substances: None  
 Section 311/312 Hazard Categories: Immediate health hazard,  
 Section 313 Toxic Chemicals: None  
 RCRA Status: This product is not considered hazardous.

**16- Other Information**

NFPA 704M Ratings:	Health	Flammability	Reactivity	Other
	3	1	0	
HMIS Ratings:	Health	Flammability	Reactivity	
	3	1	0	

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