

## 1. Product and Company Identification (Part A)

Company : Adhesive Technology Corp.  
 Address : 450 East Copans Road, Pompano Beach, FL 33064  
 Telephone : 800.892.1880  
 Emergency Phone : 800.255.3924 (ChemTel)  
 Trade Name : Ultrabond 1300 Part A  
 Product Use : Anchoring

## 2. Hazards Identification/Exposure Limits

### GHS Classification:

**Health:** Skin Sensitizer Cat 1B  
 Skin Irritant Cat 2  
 Eye Irritant Cat 2  
**Physical:** Not classified  
**Environmental:** Toxic to Aquatic Life Cat-2

### GHS Label

#### Warning:



Causes Eye Irritant  
 Skin Irritant  
 May cause skin sensitization

### Emergency Overview

Avoid contact with the skin and eyes  
 Avoid prolonged and/or repeated contact with skin  
 Wear protective clothing  
 Use with adequate ventilation

**Primary Route of Exposure:** Eyes, skin and inhalation.

**Carcinogenicity:** This product contains titanium dioxide which IARC has classed as a Group 2B carcinogen (possibly carcinogenic to humans). Evidence is based on sufficient animal testing as a result of long-term inhalation at high concentrations of respirable amounts of titanium dioxide. Because this product is in liquid or paste form, it does not pose a dust hazard; therefore, this classification is not relevant. Note: sanding of this product will create a possible dust hazard.

This product or one of its ingredients present at 0.1% or more IS listed as a carcinogen or suspect carcinogen by NTP, IARC, Prop 65 or OSHA.

## 3. Composition/Information On Ingredients

Chemical Name	CAS #	% By Weight
Diglycidyl Ether of Bisphenol A	25085-99-8	40 - 70
Titanium Dioxide	13463-67-7	1 - 5
Non-Hazardous Proprietary Ingredients	Proprietary	30 - 50

## 4. First Aid Procedures

### Description of first aid measures

**After inhalation:** Move to fresh air; give oxygen if breathing is difficult. Call a physician if symptoms persist.

**After skin contact:** Remove contaminated clothing. Wash with mild soap and water. Get medical attention if skin irritation or dermatitis persists.

**After eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if symptoms persist.

**After swallowing:** Give plenty of water. DO NOT induce vomiting. Call a physician immediately.

**Other:** Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure. If sensitization occurs, future contact with the material should be avoided.

## 5. Firefighting Measures

**Flash point:** >1480C (3000F)

**Flammable limits:** Non- Flammable

**Extinguisher media:** Carbon Dioxide, Dry Chemical, Water Fog

**Unusual fire and explosion hazards:** None known.

**Special fire fighting procedures:** Firefighters must wear self-contained breathing apparatus and full protective clothing to prevent contact with toxic and/or irritating fumes.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Avoid all personal contact. In enclosed areas, cleanup personnel should wear self-contained breathing apparatus.

**Environmental precautions:** Avoid all personal contact, scoop up with spade and place in disposable metal container.

## 7. Handling and Storage

**Storage:** Store in a cool dry place out of direct rays of the sun. Keep from freezing. Recommended storage temperatures range in between 4°C and 35° C (40°F and 95° F).

## 8. Exposure Controls/Personal Protection

### Exposure Guidelines

Chemical Name	CAS #	% By Weight	TLV
Titanium Dioxide (Total dust)	13463-67-7	15 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>

**Engineering measures:** Use local and general exhaust ventilation to maintain airborne concentrations below TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it.

### Personal Protective Equipment:

**Respiratory protection:** None normally required. Use a NIOSH approved organic vapor chemical cartridge respirator when air movement is inadequate to control vapor build-up.

**Eye/face protection:** Wear splash proof chemical goggles/ full face shield if there is a potential for splashing.

**Skin/body protection:** Wear suitable gloves (neoprene, nitrile rubber or PVC)

**Other protective clothing or equipment:** Wear appropriate apparel to prevent skin contact.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties:

<b>Appearance:</b>	White paste	<b>Vapor pressure:</b>	N/A
<b>Odor:</b>	Slight odor	<b>Vapor density:</b>	Non-volatile
<b>Odor threshold:</b>	N/D	<b>Specific gravity:</b>	1.58
<b>pH-value:</b>	N/D	<b>VOC Content:</b>	0 g/l
<b>Evaporation rate:</b>	Non-volatile	<b>Solubility in / miscibility with water:</b>	Insoluble.

## 10. Stability/Reactivity

**Stability:** Stable.

**Hazardous Reactions:** Non-hazardous when stored and handled according to instructions.

**Thermal Decomposition:** Stable under normal conditions.

**Incompatibility:** Strong acids, peroxides, and other oxidizing agents.

**Conditions to avoid:** Exposure to excessive heat and storage above 35°C (95°F) will shorten shelf life.

## 11. Toxicological Information

### Information on toxicological effects:

**Acute oral toxicity:** Not determined.

**Acute dermal toxicity:** Not determined.

**Acute inhalation toxicity:** Not determined.

### Primary irritant effect:

**On the skin:** Irritating to skin. The product has not been tested. The statement has been derived from the properties of the individual components

**On the eye:** Irritating to eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

**Respiratory:** Inhalation of vapors or mists may cause lung irritation to the respiratory system.

**Sensitization:** May cause allergic skin reaction and irritation to the respiratory system. The product has not been tested. The statement has been derived from the properties of the individual components.

### Carcinogenic Classification:

(Titanium Dioxide) – See Part A Section 2.

IARC Group2B: Possibly carcinogenic to humans.

## 12. Ecological Information

### Acute toxicity for:

**Fish:** Diglycidyl Ether of Bisphenol A:

Fathead minnow/LC50 (96hrs): >3.1mg/L

**Aquatic invertebrates:** Diglycidyl Ether of Bisphenol A:

Water Flea Daphnis/EC 50 (48hrs): > 1.4 mg/L

**Algae:** No Data Available.

**Microorganisms:** Diglycidyl Ether of Bisphenol A:

Bacteria, (Growth inhibition)/IC50 (18hrs): > 42.6mg/L

**Mobility:** Considering the use of the substance, it is unlikely that significant environmental exposure in the air or water will arise.

## 13. Waste Disposal Information

If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.

## 14. Transportation Information

This product is not regulated as a hazardous material for transportation.

## 15. Regulatory Information

**Further information:** HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings (scale  
0 - 4)**

<b>Health:</b>	<b>*2</b>
<b>Fire:</b>	<b>1</b>
<b>Reactivity:</b>	<b>0</b>

**PPE:** B

**NFPA ratings (scale  
0 - 4)**

<b>Health:</b>	<b>2</b>
<b>Fire:</b>	<b>1</b>
<b>Reactivity:</b>	<b>0</b>



**Hazard rating:** 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Severe, 4 = Extreme

### Federal Regulations:

**SARA Title 313:** Chronic Health Hazard.

**CA Prop 65:** This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**TSCA:** Listed.



## 15. Regulatory Information (cont.)

### State Regulations:

**State RTK**  
NJ, MA, PA

**Chemical Name**  
Titanium Dioxide

**CAS #**  
13463-67-7

## 16. Other Information

**Hazard Communication:** This SDS has been prepared in accordance with the federal OSHA Hazard Communication Standard.

To the best of our knowledge, the information contained herein is accurate. However, Adhesives Technology Corp. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Additional information is available upon request.

## 1. Product and Company Identification (Part B)

Company : Adhesive Technology Corp.  
 Address : 450 East Copans Road, Pompano Beach, FL 33064  
 Telephone : 800.892.1880  
 Emergency Phone : 800.255.3924 (ChemTel)  
 Trade Name : Ultrabond 1300 Part B  
 Product Use : Anchoring

## 2. Hazards Identification/Exposure Limits

### GHS Classification:

**Health:** Skin Corrosion Cat 1  
 Serious Eye Damage Cat 1  
 Reproductive Tox Cat 2  
**Physical:** Not classified

**Environmental:** Toxic to Aquatic Life Cat-2

### Emergency Overview

Causes skin burns  
 Causes severe eye damage  
 Heated vapors can cause irritation  
 Avoid contact with the skin and eyes  
 Avoid breathing fume/gas/mist/vapors/spray  
 Wear protective gloves/ protective clothing/ eye protection/ face protection  
 Use outdoors or in a well-ventilated area

**Primary Route of Exposure:** Eyes, skin and inhalation.

**Carcinogenicity:** This product or one of its ingredients present at 0.1% or more IS listed as a carcinogen or suspect carcinogen by NTP, IARC, Prop 65 or OSHA.

### GHS Label:



Corrosive to skin and eye  
 Skin irritant

### Danger:



Reproductive toxicity

## 3. Composition/Information On Ingredients

Chemical Name	CAS #	% By Weight
n-aminoethylpiperazine	140-31-8	5 - 10
Nonylphenol	84852-15-3	10 - 20
Non-Hazardous Proprietary Ingredients	Proprietary	60 - 80

## 4. First Aid Procedures

### Description of first aid measures

**After inhalation:** Move to fresh air; give oxygen if breathing is difficult. Call a physician if symptoms persist.

**After skin contact:** Remove contaminated clothing. Wash with mild soap and water. Get medical attention if skin irritation or dermatitis persists.

**After eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Call a physician if symptoms persist.

**After swallowing:** Give plenty of water. DO NOT induce vomiting. Call a physician immediately.

**Other:** Referral to a physician is recommended if there is any question about the seriousness of the injury/exposure. If sensitization occurs, future contact with the material should be avoided.

## 5. Firefighting Measures

**Flash point:** >93°C (>200°F)

**Flammable limits:** Non-Flammable.

**Extinguisher media:** Carbon Dioxide, Dry Chemical, Water Fog

## 5. Firefighting Measures

**Unusual fire and explosion hazards:** None known.

**Special fire fighting procedures:** Firefighters must wear self-contained breathing apparatus and full protective clothing to prevent contact with toxic and/or irritating fumes.

## 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** Avoid all personal contact. In enclosed areas, cleanup personnel should wear self-contained breathing apparatus.

**Environmental precautions:** Avoid all personal contact, scoop up with spade and place in disposable metal container.

## 7. Handling and Storage

**Storage:** Store in a cool dry place out of direct rays of the sun. Keep from freezing. Recommended storage temperatures range in between 4° and 35° C (40°F and 95° F).

## 8. Exposure Controls/Personal Protection

### Exposure Guidelines

Chemical Name	CAS #	% By Weight	TLV
Quartz Silica Sand (Crystalline Silica)	14808-60-7	0.1 mg/m3	0.025 mg/m3

**Engineering measures:** Use local and general exhaust ventilation to maintain airborne concentrations below TLV. Suitable respiratory equipment should be used in cases of insufficient ventilation or where operational procedures demand it.

### Personal Protective Equipment:

**Respiratory protection:** None normally required. Use a NIOSH approved organic vapor chemical cartridge respirator when air movement is inadequate to control vapor build-up.

**Eye/face protection:** Wear splash proof chemical goggles/ full face shield if there is a potential for splashing.

**Skin/body protection:** Wear suitable gloves (neoprene, nitrile rubber or PVC).

**Other protective clothing or equipment:** Wear appropriate apparel to prevent skin contact.

## 9. Physical and Chemical Properties

### Information on basic physical and chemical properties:

<b>Appearance:</b>	Black paste	<b>Boiling point:</b>	N/A
<b>Odor:</b>	Slight amine odor	<b>Specific gravity:</b>	1.69
<b>pH-value:</b>	N/D	<b>VOC Content:</b>	0 g/l
<b>Evaporation rate:</b>	Non-Volatile	<b>Solubility in / miscibility with water:</b>	Insoluble.
<b>Vapor pressure:</b>	N/A		
<b>Vapor density:</b>	Non-Volatile		

## 10. Stability/Reactivity

**Stability:** Stable.

**Hazardous Reactions:** Non-hazardous when stored and handled according to instructions.

**Thermal Decomposition:** Stable under normal conditions.

**Incompatibility:** Strong acids, peroxides, and other oxidizing agents.

**Conditions to avoid:** Exposure to excessive heat and storage above 35°C (95°F) will shorten shelf life.

## 11. Toxicological Information

### Information on toxicological effects:

**Acute oral toxicity:** Not determined.

**Acute dermal toxicity:** Not determined.

**Acute inhalation toxicity:** Not determined.

### Primary irritant effect:

**On the skin:** Corrosive to skin. The product has not been tested. The statement has been derived from the properties of the individual components.

**On the eye:** Severe damage to eyes. The product has not been tested. The statement has been derived from the properties of the individual components.

**Respiratory:** Inhalation of vapors or mists may cause lung irritation to the respiratory system.

**Sensitization:** May cause allergic skin reaction and irritation to the respiratory system. The product has not been tested. The statement has been derived from the properties of the individual components.

**Maternal Toxicity:** Nonylphenol causes maternal toxic effects per animal testing.

### Carcinogenicity Classification:

This product or one of its ingredients present at 0.1% or more is NOT listed as a carcinogen or suspect carcinogen by NTP, IARC, Prop 65 or OSHA.

## 12. Ecological Information

### Acute toxicity for:

**Fish:** Nonylphenol: Fathead minnow/LC50 (96hrs): 0.135mg/l

**Aquatic invertebrates:** Nonylphenol: Water Flea Daphnis/EC 50 (48hrs): 0.14mg/l

**Algae:** Green Algae/EC 50 (96hrs): 0.41mg/l

**Microorganisms:** No Data Available.

**Mobility:** Considering the use of the substance, it is unlikely that significant environmental exposure in the air or water will arise.

## 13. Waste Disposal Information

If the material as supplied becomes a waste, dispose in accordance with federal, state and local regulations.

## 14. Transportation Information

### DOT (US)

**CARTRIDGE:** Limited Quantity, LTD QTY

**BULK –** Corrosive Liquid, n.o.s. (aminoethylpiperazine, 4-Nonylphenol, branched) Class 8, UN 1760, PG III

### IATA/ICAO

**CARTRIDGE/BULK:** Corrosive Liquid, n.o.s. (aminoethylpiperazine, 4-Nonylphenol, branched) Class 8, UN 1760, PG III

### IMDG

**CARTRIDGE/BULK:** Corrosive Liquid, n.o.s. (aminoethylpiperazine, 4-Nonylphenol, branched) Class 8, UN 1760, PG III

## 15. Regulatory Information

**Further information:** HMIS® is a registered trade and service mark of the NPCA.

**HMIS® ratings (scale 0 - 4)**

<b>Health:</b>	<b>*2</b>
<b>Fire:</b>	<b>1</b>
<b>Reactivity:</b>	<b>0</b>

**PPE:** B

**NFPA ratings (scale 0 - 4)**

<b>Health:</b>	2	
<b>Fire:</b>	1	
<b>Reactivity:</b>	0	

**Hazard rating:** 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Severe, 4 = Extreme



## 15. Regulatory Information (cont.)

### Federal Regulations:

**SARA Title 313** Chronic Health Hazard

**CA Prop 65:** This product contains a chemical or chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**TSCA:** Listed

### State Regulations:

**State RTK**  
NJ, MA, PA

**Chemical Name**  
n-aminoethylpiperazine

**CAS #**  
140-31-8

## 16. Other Information

**Hazard Communication:** This SDS has been prepared in accordance with the federal OSHA Hazard Communication Standard.

To the best of our knowledge, the information contained herein is accurate. However, Adhesives Technology Corp. does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Additional information is available upon request.