



## SAFETY DATA SHEET

1099-H Norbond  
Revision Date: 1/1/17

Page 1 of 5

### SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product: 1099-H Norbond

Company Identification: U.S. Adhesives Company  
1735 W. Carroll Avenue  
Chicago, IL 60612

Telephone/Fax: (312) 829-7438 (312) 829-9733

Emergency Phone: U.S. ADHESIVES (Toll Free): (844) 694-5666  
CHEMTREC (24 Hour): (800) 424-9300  
CHEMTREC (International): (703) 527-3887

Product Use: Adhesive (Non-Hazardous)

### SECTION 2 – HAZARD(S) IDENTIFICATION

EMERGENCY OVERVIEW Not considered as hazardous

Appearance: Liquid

Color: White

Odor: Slight/Mild

#### POTENTIAL HEALTH EFFECTS

Eye contact: May cause slight/mild eye irritation.

Skin contact: Repeated or prolonged skin contact may result in mild irritation.

Inhalation: May cause irritation of respiratory tract.

Ingestion: If swallowed, may cause irritation of the gastrointestinal tract.

ROUTES OF EXPOSURE: Eye. Skin. Inhalation. Ingestion.

TARGET ORGANS: None

### SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Percent</u> | <u>TWA (OSHA)</u> |
|----------------------|-------------------|----------------|-------------------|
| Residual Monomers    | 108-05-4          | Less than 0.5  | 10 ppm            |

Adhesive composition is a trade secret. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section. Concentration is nominal.

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## SECTION 4 – FIRST- AID MEASURES

|               |  |
|---------------|--|
| Eye contact:  | Flush with copious amounts of water. Hold eyelids open to facilitate rinsing. Seek medical attention if irritation persists. |
| Skin contact: | Wash thoroughly with soap and water. Seek medical attention if irritation persists.  |
| Ingestion:    | Call a physician immediately. Do not induce vomiting without medical advice.   |
| Inhalation:   | Move to fresh air. Seek medical attention if irritation persists.  |

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## SECTION 5 – FIRE-FIGHTING MEASURES

|                                   |   |                |     |      |     |      |     |
|-----------------------------------|---|----------------|-----|------|-----|------|-----|
| Flash Point:                      | > 212 °F  | Auto ignition: | N/A | LEL: | N/A | UEL: | N/A |
| Extinguishing media:              | Water, Carbon Dioxide, Dry Chemical Foam.   |                |     |      |     |      |     |
| Specific hazards:                 | When dried polymer burns, water (H <sub>2</sub> O), carbon dioxide (CO <sub>2</sub> ), carbon monoxide (CO) and smoke are produced. Pyrolysis products may include such materials as acetic acid, acrolein and acetaldehyde and other unknown products. |                |     |      |     |      |     |
| Special fire fighting procedures: | Wear self contained breathing apparatus for fire fighting if necessary.   |                |     |      |     |      |     |

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## SECTION 6 – ACCIDENTAL RELEASE MEASURES

### CONTAINMENT TECHNIQUES:

No adverse health effects expected from the clean-up of spilled material. Follow the personal protective equipment recommendations found in Section 8 of the SDS. Keep spilled product out of sewers, watersheds, or water systems. Dike if necessary.

### CLEAN-UP METHODS:

If possible pump liquid into an approved container or soak up with inert absorbent material (e.g. sand, silica gel, sawdust). Sweep up and shovel into suitable containers for disposal. Prevent product from entering drains. Clean contaminated surface thoroughly. Dispose of absorbed material in accordance with local, state and national legislation.

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## SECTION 7 – HANDLING AND STORAGE

### HANDLING:

No special handling instructions due to toxicity. Ensure thorough ventilation of storage and work areas. Wear suitable gloves and eye/face protection. This product contains limited amounts of residual monomer. Under normal handling and use conditions the residual monomer should not present a hazard.

### STORAGE:

Keep from freezing. Keep container tightly closed and dry; store in at room temperature in original container. Minimize contact with atmospheric air to prevent inoculation with microorganisms

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## SECTION 8 – EXPOSURE CONTROLS AND PERSONAL PROTECTION

|                               |  |
|-------------------------------|--|
| Engineering controls:         | No specific controls needed.   |
| Ventilation:                  | No exposure limits exist for the constituents of this product.   |
| Personal protective equipment |  |
| Respiratory protection:       | N/A in ventilated area.  |
| Hand protection:              | Rubber gloves  |
| Eye protection:               | Safety glasses.  |
| Skin and body protection:     | Wear protective clothing to prevent skin contact.  |
| General Hygiene Practice:     | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with the skin, eyes and clothing. Wash soiled clothing immediately. |

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## SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

|                            |                                    |
|----------------------------|------------------------------------|
| Form:                      | LIQUID                             |
| Appearance/Color:          | WHITE                              |
| Odor:                      | MILD                               |
| pH Value:                  | 5.5 - 7.2                          |
| Solubility (in water):     | DISPERSIBLE                        |
| Boiling Point/Range:       | 212° F (>100° C)                   |
| Density:                   | approx. 9.0 lbs./gallon +/- .2lbs. |
| Vapor Density:             | Less than air                      |
| Vapor Pressure:            | Not determined                     |
| Evaporation Rate:          | Not determined                     |
| Octanol/Water Coefficient: | Not determined                     |

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## SECTION 10 – STABILITY AND REACTIVITY

|                             |  |
|-----------------------------|--|
| Stability:                  | Stable at ambient temperatures.<br>Coagulation may occur following freezing, thawing or boiling. |
| Conditions to avoid:        | None reported.   |
| Hazardous Polymerization: : | Will not occur.  |
| Incompatibility:            | Not established  |

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## SECTION 11 – TOXICOLOGICAL INFORMATION

Acute and chronic health effects are not expected as long as good industrial hygiene and safety precautions are followed.

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## SECTION 12 – ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.

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## SECTION 13 – DISPOSAL CONSIDERATIONS

### WASTE DISPOSAL:

Disposal of this product must comply with all applicable federal, state and local regulations.

### CONTAINER DISPOSAL:

Disposal of this container should comply with all applicable federal, state and local regulations.

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## SECTION 14 – TRANSPORT INFORMATION

DOT not regulated  
CFR not regulated  
IATA not regulated  
IMDG not regulated  
CTC not regulated  
Further information  
Not dangerous goods

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## SECTION 15 – REGULATORY INFORMATION

| <u>Chemical Name</u> | <u>CAS Number</u> | <u>Concentration (% by wt)</u> | <u>TWA (OSHA)</u> |
|----------------------|-------------------|--------------------------------|-------------------|
| Residual Monomers    | 108-05-4          | Less than 0.5                  | 10 ppm            |

Occupational Safety and Health Act (OSHA): This material is not classified as hazardous under the criteria of the US Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, 29 CFR 1910.1200.

TSCA Inventory Status and TSCA Information: This material or its components are listed on or are in compliance with the requirements of the TSCA Chemical Substance Inventory.

TSCA 12 (B) Export Notification: This material does not contain any TSCA 12 (b) regulated chemicals.

### SARA Title III:

SARA 302 EHS Chemicals: This material does not contain any SARA extremely hazardous substances.

SARA 311/312 Hazard Class: This product does not present any SARA 311/312 hazards.

SARA 313 Chemicals: This material does not contain any SARA 313 chemical above de minimus levels.

California Prop 65: Not Listed.

Canada-WHMIS Hazard Class: Non-controlled.

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## **SECTION 16 – OTHER INFORMATION**

HMIS Hazard Rating:                      Health: 0      Flammability: 0      Reactivity: 0

### **DISCLAIMER:**

The information contained herein is based on current knowledge and experience; no responsibility is accepted that the information is sufficient or correct in all cases. Users should consider this data only as a supplement to other information. Users should make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials, the safety and health of employees and customers, and the protection of the environment. U.S. Adhesives Company makes no warranty, express or implied, with respect thereto and disclaims all liability from reliance thereon.

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