



SAFETY DATA SHEET

1099-H Norbond
Revision Date: 1/1/15

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SECTION 1 – PRODUCT AND COMPANY IDENTIFICATION

Product: 1099-H Norbond

Manufactured for: Demco

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.

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.

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 (H₂O), carbon dioxide (CO₂), 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.

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.

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

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.

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

SECTION 10 – STABILITY AND REACTIVITY

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

SECTION 11 – TOXICOLOGICAL INFORMATION

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

SECTION 12 – ECOLOGICAL INFORMATION

This formulation has not been tested for environmental effects.

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.

SECTION 14 – TRANSPORT INFORMATION

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

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.

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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