



# SAFETY DATA SHEET

## Headliner & Carpet Adhesive

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Revision: 12/16/2016

Supersedes Revision: 09/22/2014

### 1. Product and Company Identification

**Product Code:** C904  
**Product Name:** Headliner & Carpet Adhesive  
**Company Name:** CYCLO INDUSTRIES, INC.  
902 SOUTH US HIGHWAY 1  
JUPITER, FL 33477  
**Phone Number:** (800)843-7813  
**Web site address:** www.cyclo.com  
**Email address:** ehs@cyclo.com  
**Emergency Contact:** First Aid Emergency (800)752-7869  
CHEMTREC (703) 527-3887 (800)424-9300  
**Information:** First Aid Emergency (Outside U.S.) (312)906-6194

### 2. Hazards Identification

Flammable Liquids, Category 2  
Skin Corrosion/Irritation, Category 2  
Serious Eye Damage/Eye Irritation, Category 2A  
Germ Cell Mutagenicity, Category 1B  
Carcinogenicity, Category 1B  
Toxic To Reproduction, Category 2  
Specific Target Organ Toxicity (single exposure), Category 3  
Specific Target Organ Toxicity (repeated exposure), Category 2  
Aspiration Toxicity, Category 1  
Flammable Gases, Category 1  
Gas Under Pressure, Compressed gas



**GHS Signal Word:** Danger

**GHS Hazard Phrases:** H224: Extremely flammable liquid and vapor.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H340: May cause genetic defects.  
H350: May cause cancer.  
H361: Suspected of damaging fertility or the unborn child.  
H336: May cause drowsiness or dizziness.  
H373: May cause damage to organs through prolonged or repeated exposure.  
H304: May be fatal if swallowed and enters airways.  
H280: Contents under pressure. May explode if heated.

**GHS Precaution Phrases:** P233: Keep container tightly closed.  
P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P240: Ground/bond container and receiving equipment.  
P241: Use explosion-proof electrical/ventilating/lighting equipment.  
P243: Take precautionary measures against static discharge.  
P242: Use only non-sparking tools.  
P264: Wash hands thoroughly after handling.  
P362+364: Take off contaminated clothing and wash it before reuse.  
P201: Obtain special instructions before use.  
P202: Do not handle until all safety precautions have been read and understood.  
P281: Use personal protective equipment as required.



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**GHS Response Phrases:**

P271: Use only outdoors or in a well-ventilated area.  
P260: Do not breathe dust/fume/gas/mist/vapours/spray.  
P370+378: In case of fire, use alcohol foam, CO<sub>2</sub>, dry chemical, foam or water fog for extinction.  
P301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.  
P363: Wash contaminated clothing before reuse.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**GHS Storage and Disposal Phrases:**

P501: Dispose of contents/container in accordance with local/regional/national/international regulation.  
P403+233: Store container tightly closed in well-ventilated place.

**Potential Health Effects (Acute and Chronic):**

No data available.

### 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
67-64-1	Acetone	30.0 -40.0 %
68476-86-8	Liquified petroleum gas, sweetened	20.0 -30.0 %
NA	Adhesive Mixture	20.0 -30.0 %
79-20-9	Methyl acetate (Methyl ester of acetic acid)	10.0 -20.0 %
8030-30-6	Naphtha	1.0 -10.0 %
108-88-3	Toluene	1.0 -10.0 %

### 4. First Aid Measures

**Emergency and First Aid Procedures:**

If swallowed, do not induce vomiting. If inhaled, remove to fresh air. If breathing is difficult, administer oxygen. Give artificial respiration if breathing is stopped. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of skin contact wash skin with soap and water. Call physician immediately if adverse reaction occurs.

### 5. Fire Fighting Measures

**Flash Pt:** -141.00 F (-96.1 C) Method Used: Pensky-Marten Closed Cup

**Explosive Limits:** LEL: 1.2 UEL: 16

**Autoignition Pt:** No data.

**Suitable Extinguishing Media:** Alcohol foam, CO<sub>2</sub>, dry chemical, foam, water fog.

**Fire Fighting Instructions:** Wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear when fighting fires. Containers can build up pressure if exposed to heat (fire).

**Flammable Properties and Hazards:** Vapors can travel to a source of ignition and flash back. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner, or properly disposed of.

**Hazardous Combustion** No data available.



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**Products:**

### 6. Accidental Release Measures

**Steps To Be Taken In Case Material Is Released Or Spilled:**

Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

### 7. Handling and Storage

**Precautions To Be Taken in Handling:**

Keep container tightly closed. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Wear protective gloves/protective clothing/eye protection/face protection. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Take precautionary measures against static discharge. Use only non-sparking tools. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Use only outdoors or in a well-ventilated area. Do not breathe dust/fume/gas/mist/vapours/spray. Keep out of the reach of children.

**Precautions To Be Taken in Storing:**

Store container tightly closed in well-ventilated place.

### 8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.
68476-86-8	Liquified petroleum gas, sweetened	No data.	No data.	No data.
NA	Adhesive Mixture	No data.	No data.	No data.
79-20-9	Methyl acetate (Methyl ester of acetic acid)	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
8030-30-6	Naphtha	PEL: 100 ppm	TLV: 400 ppm	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.

**Respiratory Equipment (Specify Type):**

A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirator is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

**Eye Protection:**

Chemical splash goggles.

**Protective Gloves:**

Impervious gloves.

**Other Protective Clothing:**

Standard industrial clothing standards should be followed.

**Engineering Controls (Ventilation etc.):**

Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.



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### 9. Physical and Chemical Properties

<b>Physical States:</b>	[ ] Gas [ X ] Liquid [ ] Solid
<b>Appearance and Odor:</b>	Light amber with solvent odor.
<b>pH:</b>	No data.
<b>Melting Point:</b>	No data.
<b>Boiling Point:</b>	-23.00 F (-30.6 C) - -231.00 F (-146.1 C)
<b>Flash Pt:</b>	-141.00 F (-96.1 C) Method Used: Pensky-Marten Closed Cup
<b>Evaporation Rate:</b>	No data.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive Limits:</b>	LEL: 1.2 UEL: 16
<b>Vapor Pressure (vs. Air or mm Hg):</b>	No data.
<b>Vapor Density (vs. Air = 1):</b>	> AIR
<b>Specific Gravity (Water = 1):</b>	.7161
<b>Solubility in Water:</b>	Negligible
<b>Octanol/Water Partition Coefficient:</b>	No data.
<b>Percent Volatile:</b>	40.0 % by weight.
<b>Autoignition Pt:</b>	No data.
<b>Decomposition Temperature:</b>	No data.
<b>Viscosity:</b>	NE

### 10. Stability and Reactivity

<b>Stability:</b>	Unstable [ ] Stable [ X ]
<b>Conditions To Avoid - Instability:</b>	All sources of ignition, welding arcs and open flames.
<b>Incompatibility - Materials To Avoid:</b>	May react with oxygen and strong oxidizing agents such as chlorates, nitrates, peroxides, etc.
<b>Hazardous Decomposition or Byproducts:</b>	Smoke, oxides of carbon and oxides of nitrogen, phosphorous and/or sulfur are possible.
<b>Possibility of Hazardous Reactions:</b>	Will occur [ ] Will not occur [ X ]
<b>Conditions To Avoid - Hazardous Reactions:</b>	No data available.



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### 11. Toxicological Information

**Toxicological Information:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
67-64-1	Acetone	n.a.	n.a.	A4	n.a.
68476-86-8	Liquified petroleum gas, sweetened	n.a.	n.a.	n.a.	n.a.
NA	Adhesive Mixture	n.a.	n.a.	n.a.	n.a.
79-20-9	Methyl acetate (Methyl ester of acetic acid}	n.a.	n.a.	n.a.	n.a.
8030-30-6	Naphtha	n.a.	n.a.	n.a.	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.

### 12. Ecological Information

No data available.

### 13. Disposal Considerations

**Waste Disposal Method:** Dispose of contents/container in accordance with local/regional/national/international regulation.

### 14. Transport Information

**LAND TRANSPORT (US DOT):**

**DOT Proper Shipping Name:** Consumer Commodity  
**DOT Hazard Class:** ORM-D ORM-D  
**UN/NA Number:**

**LAND TRANSPORT (European ADR/RID):**

**ADR/RID Shipping Name:** Aerosols, Ltd. Qty.  
**UN Number:** 1950  
**Hazard Class:** N.A. **ADR Classification:** 2.1

**MARINE TRANSPORT (IMDG/IMO):**

**IMDG/IMO Shipping Name:** Aerosols, Ltd. Qty.  
**UN Number:** 1950 **Packing Group:**  
**Hazard Class:** N.A. **IMDG Classification:** 2.1  
**IMDG MFAG Number:**  
**IMDG EMS Page:** **Marine Pollutant:** No

**AIR TRANSPORT (ICAO/IATA):**

**ICAO/IATA Shipping Name:** Aerosols, flammable, 2.1, Ltd Qty

(Packing Instruction Y203 Applies)

**UN Number:** 1950  
**Hazard Class:** N.A. **IATA Classification:** 2.1

### 15. Regulatory Information

**EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists**

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
67-64-1	Acetone	No	Yes 5000 LB	No
68476-86-8	Liquified petroleum gas, sweetened	No	No	No
NA	Adhesive Mixture	No	No	No
79-20-9	Methyl acetate (Methyl ester of acetic acid}	No	No	No
8030-30-6	Naphtha	No	No	No



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108-88-3	Toluene	No	Yes 1000 LB	Yes
<b>CAS #</b>	<b>Hazardous Components (Chemical Name)</b>	<b>Other US EPA or State Lists</b>		
67-64-1	Acetone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: No; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes		
68476-86-8	Liquified petroleum gas, sweetened	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
NA	Adhesive Mixture	CAA HAP,ODC: No; CWA NPDES: No; TSCA: No; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: No; SC TAP: No; WI Air: No		
79-20-9	Methyl acetate (Methyl ester of acetic acid}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory, 4 Test, 8A PAIR; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: Yes		
8030-30-6	Naphtha	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: No; NC TAP: No; NJ EHS: No; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No		
108-88-3	Toluene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes; CA TAC, Title 8: TAC, Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: CMR, Part 5; NC TAP: Yes; NJ EHS: Yes - 1866; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: Yes; WI Air: Yes		
<b>CAS #</b>	<b>Hazardous Components (Chemical Name)</b>	<b>International Regulatory Lists</b>		
67-64-1	Acetone	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes		
68476-86-8	Liquified petroleum gas, sweetened	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes		
NA	Adhesive Mixture	Canadian DSL: No; Canadian NDSL: No; Taiwan TCSCA: No		
79-20-9	Methyl acetate (Methyl ester of acetic acid}	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes		
8030-30-6	Naphtha	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes		
108-88-3	Toluene	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes		



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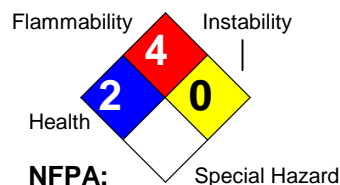
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### 16. Other Information

**Revision Date:** 12/16/2016

**Hazard Rating System:**



**Additional Information About** No data available.

**This Product:**

**Company Policy or**

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