

according to Regulation (EC) No. 1907/2006 as amended by (EC) No. 1272/2008

Section 1. Identification of the Substance/Mixture and of the Company/Undertaking

- 1.1 Product Code:** C35
Product Name: Rubberized Undercoating
- 1.2 Relevant identified uses of the substance or mixture and uses advised against:**
- 1.3 Details of the Supplier of the Safety Data Sheet:**
- | | | |
|--------------------------|---|---------------------------------------|
| Company Name: | CYCLO INDUSTRIES, INC.
902 SOUTH US HIGHWAY 1
JUPITER, FL 33477 | Phone Number:
(800)843-7813 |
| Web site address: | www.cyclo.com | |
| Information: | First Aid Emergency (Outside U.S.) | (312)906-6194 |
- 1.4 Emergency telephone number:**
- | | | |
|---------------------------|--|--------------------------------|
| Emergency Contact: | First Aid Emergency
CHEMTREC (703) 527-3887 | (800)752-7869
(800)424-9300 |
|---------------------------|--|--------------------------------|

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
- 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]:**
Flammable Liquids, Category 1
Germ Cell Mutagenicity, Category 1B
Carcinogenicity, Category 1B
Toxic To Reproduction, Category 2
Target Organ Systemic Toxicity (single exposure), Category 3
Target Organ Systemic Toxicity (repeated exposure), Category 2
Aspiration Toxicity, Category 1
- 2.2 Label Elements:**
- 2.2.1 Labeling according to Regulation (EC) No 1272/2008 [CLP]:**



GHS Signal Word: Danger

GHS Hazard Phrases:

H224: Extremely flammable liquid and vapor.
H340: May cause genetic defects.
H350: May cause cancer.
H361: Suspected of damaging fertility or the unborn child.
H335: May cause respiratory irritation.
H373: May cause damage to organs through prolonged or repeated exposure.
H304: May be fatal if swallowed and enters airways.

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.
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.
 P271: Use only outdoors or in a well-ventilated area.
 P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

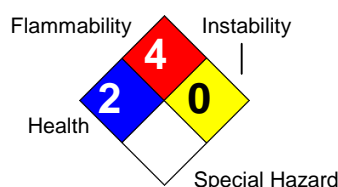
GHS Response Phrases:

P370+378: In case of fire, use alcohol, foam, CO₂, dry chemical or water fog to extinguish.
 P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
 P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.
 P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P301+310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
 P331: Do NOT induce vomiting.

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.

Hazard Rating System:



2.3 Adverse Human Health Effects and Symptoms:

Medical Conditions Persons with a history of chronic skin or respiratory disorders may be at an increased risk
Generally Aggravated for worsening of their conditions from exposure to this product.
By Exposure:

Section 3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)/ REACH Registration No.	Concentration	EC No./ EC Index No.	GHS Classification
1317-65-3	Calcium Carbonate	30.0 -35.0 %	215-279-6 NA	Skin Corr. 2: H315 Eye Damage 1: H318
68476-86-8	Liquified petroleum gas, sweetened	15.0 -20.0 %	270-705-8 649-203-00-1	Comp. Gas: H280 Flam. Gas 1: H220 Mutagen 1B: H340 Carcinogen 1B: H350
108-88-3	Toluene	15.0 -20.0 %	203-625-9 601-021-00-3	Flam. Liq. 2: H225 Asp. Toxic. 1: H304 Skin Corr. 2: H315 TOST (SE) 3: H335 H336 Toxic Repro. 2: H361 TOST (RE) 2: H373
79-20-9	Methyl acetate (Methyl ester of acetic acid)	10.0 -15.0 %	201-185-2 607-021-00-X	Flam. Liq. 2: H225 Eye Damage 2A: H319 TOST (SE) 3: H335 H336
67-64-1	Acetone	1.0 -5.0 %	200-662-2 606-001-00-8	Flam. Liq. 2: H225 Eye Damage 2A: H319 TOST (SE) 3: H335 H336



Section 4. First Aid Measures

- 4.1 Description of First Aid Measures:** If swallowed, do not induce vomiting. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of skin contact, wash area with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse. In case of eye contact, holding eyelids open, flush eyes with running water for 5 minutes. Remove contact lenses if wearing and flush open eyes with running water for at least 15 minutes. Call physician immediately if adverse reaction occurs.

Section 5. Fire Fighting Measures

- 5.1 Suitable Extinguishing Media:** Alcohol, foam, CO₂, dry chemical, water fog.
- 5.2 Flammable Properties and Hazards:** Vapors may form explosive mixture with air. 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. Contents under pressure. Containers may explode if exposed to high temperatures.
- Flammability Classification:** NFPA Level 3 Aerosol
- Flash Pt:** -156.00 F (-104.4 C) Method Used: Pensky-Marten Closed Cup
- Explosive Limits:** LEL: 1.2 UEL: 16
- Autoignition Pt:** No data.
- 5.3 Fire Fighting Instructions:** Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Water runoff can cause environmental damage. Dike and collect water used to fight fire. Keep containers and surroundings cool with water spray. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Section 6. Accidental Release Measures

- 6.3 Methods and Material For Containment and Cleaning Up:** Use recommended personal protective equipment. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Avoid runoff into storm sewers and ditches which lead to waterways. Do not flush into surface water or sanitary sewer system.

Section 7. Handling and Storage

- 7.1 Precautions To Be Taken in Handling:** Wash thoroughly after handling. Ensure all equipment is electrically grounded before beginning transfer operations. Use only in well-ventilated area. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Keep away from heat, sparks and flame. Keep from freezing. Keep container closed when not in use. Do not store above 120F. Do not spray into open flame or near other sources of ignition. Do not store in direct sunlight, puncture, crush or incinerate container. Store container tightly closed in well-ventilated place.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Partial Chemical Name	Britain EH40	France VL	Europe
1317-65-3	Calcium Carbonate	TWA: 10 mg/m ³ (Inhalable dust) TWA: 4 mg/m ³ (Respirable dust)	No data.	No data.



SAFETY DATA SHEET

Rubberized Undercoating

Revision: 06/14/2013
Supersedes Revision: 01/30/2012

68476-86-8	Liquified petroleum gas, sweetened	No data.	No data.	No data.
108-88-3	Toluene	TWA: 191 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	TWA: 192 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	TWA: 192 mg/m3 STEL: 384 mg/m3
79-20-9	Methyl acetate (Methyl ester of acetic acid)	TWA: 616 mg/m3 (200 ppm) STEL: 770 mg/m3 (250 ppm)	TWA: 610 mg/m3 (200 ppm) STEL: 760 mg/m3 (250 ppm)	No data.
67-64-1	Acetone	TWA: 1210 mg/m3 (500 ppm) STEL: 3620 mg/m3 (1500 ppm)	TWA: 1210 mg/m3 (500 ppm) STEL: 2420 mg/m3 (1000 ppm)	TWA: 1210 mg/m3

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1317-65-3	Calcium Carbonate	PEL: 15 (dust); 5 (resp.) mg/m3	No data.	No data.
68476-86-8	Liquified petroleum gas, sweetened	No data.	No data.	No data.
108-88-3	Toluene	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	TLV: 50 ppm	No data.
79-20-9	Methyl acetate (Methyl ester of acetic acid)	PEL: 200 ppm	TLV: 200 ppm STEL: 250 ppm	No data.
67-64-1	Acetone	PEL: 1000 ppm	TLV: 500 ppm STEL: 750 ppm	No data.

8.2 Exposure Controls:

8.2.1 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. Use explosion proof ventilation equipment.

8.2.2 Personal protection equipment:

Eye Protection: Safety glasses with side shields or goggles.

Protective Gloves: Impervious gloves (e.g. Viton gloves or Teflon gloves).

Other Protective Clothing: Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required.

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 respirators 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. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Work/Hygienic/Maintenance Practices: Wash hands before eating. Remove contaminated clothing and wash before reuse. Use only in well ventilated area. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion-proof equipment.



Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States: Gas Liquid Solid
Appearance and Odor: Black liquid with solvent odor.
pH: NP
Melting Point: No data.
Boiling Point: No data.
Flash Pt: -156.00 F (-104.4 C) Method Used: Pensky-Marten Closed Cup
Evaporation Rate: No data.
Explosive Limits: LEL: 1.2 UEL: 16
Vapor Pressure (vs. Air or mm Hg): No data.
Vapor Density (vs. Air = 1): No data.
Specific Gravity (Water = 1): 1.127
Solubility in Water: Negligible
Autoignition Pt: No data.

9.2 Other Information

Percent Volatile: 37.55 % by weight.

Section 10. Stability and Reactivity

- 10.1 Reactivity:** No data available.
- 10.2 Stability:** Unstable Stable
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur Will not occur
- 10.4 Conditions To Avoid - Instability:** Avoid open flames and high temperatures, all sources of ignition and welding arcs. Temperatures above 120 F.
- 10.5 Incompatibility - Materials To Avoid:** May react with oxygen and strong oxidizing agents such as chlorates, nitrates, peroxides, etc. Avoid contact with strong oxidizers.
- 10.6 Hazardous Decomposition Or Byproducts:** Carbon monoxide, carbon dioxide, smoke, fumes.



SAFETY DATA SHEET

Rubberized Undercoating

Revision: 06/14/2013

Supersedes Revision: 01/30/2012

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1317-65-3	Calcium Carbonate	CAA HAP,ODC: No; CWA NPDES: No; TSCA: Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS: Yes - 4001; NY Part 597: No; PA HSL: Yes - 1; SC TAP: No; WI Air: No
68476-86-8	Liquified petroleum gas, sweetened	CAA HAP,ODC: No; CWA NPDES: No; TSCA: 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
108-88-3	Toluene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: 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
79-20-9	Methyl acetate (Methyl ester of acetic acid)}	CAA HAP,ODC: No; CWA NPDES: No; TSCA: 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
67-64-1	Acetone	CAA HAP,ODC: No; CWA NPDES: No; TSCA: 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: Yes - 0006; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes

CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
1317-65-3	Calcium Carbonate	Canadian DSL: No; Canadian NDSL: Yes; Taiwan TCSCA: Yes
68476-86-8	Liquified petroleum gas, sweetened	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
108-88-3	Toluene	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
79-20-9	Methyl acetate (Methyl ester of acetic acid)}	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
67-64-1	Acetone	Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Section 16. Other Information

Revision Date: 06/14/2013

Additional Information About This Product: No data available.

This Product:

Company Policy or

Disclaimer:

Cyclo Industries, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. Cyclo Industries, Inc. makes no representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose with respect to the information set forth herein or to the product to which the information refers. Accordingly, Cyclo Industries, Inc. will not be responsible for damages resulting from use of or reliance upon this information.