

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

Section 2. Hazards Identification

- 2.1 Classification of the Substance or Mixture:**
Flammable Aerosols, Category 1
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

- 2.2 Label Elements:**



GHS Signal Word: Danger

GHS Hazard Phrases:

- H222: Extremely flammable aerosol.
H304: May be fatal if swallowed & enters airways.
H315: Causes skin irritation.
H335: May cause respiratory irritation.
H350: May cause cancer.
H361: Suspected of damaging fertility or the unborn child.
H372: Causes damage of organs through prolonged or repeated exposure.
H401 Toxic to aquatic life.
H229: Pressurized container: May burst if heated.



SAFETY DATA SHEET

Rubberized Undercoating

GHS Precaution Phrases:

- P201: Obtain special instructions before use.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat/sparks/open flames/hot surfaces - No smoking.
- P211: Do not spray on open flame or any other ignition source.
- P233: Keep container tightly closed.
- P240: Ground/bond container and receiving equipment.
- P241: Use explosion-proof electrical/ventilating/lighting equipment.
- P242: Use only non-sparking tools.
- P243: Take precautionary measures against static discharge.
- P251: Pressurized container: Do not pierce or burn even after use.
- P260: Do not breathe dust/fume/gas/mist/vapours/spray.
- P264: Wash hands thoroughly after handling.
- P362+364: Take off contaminated clothing and wash it before reuse.
- P271: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/clothing and eye/face protection.

GHS Response Phrases:

- P370+378: In case of fire, use foam, alcohol foam, carbon dioxide, dry chemical 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:

- P403+233: Store container tightly closed in well-ventilated place.
- P405: Store locked up.
- P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50C/122F.
- P501: Dispose of contents/container in accordance with local/regional/national/international regulation.

2.3 Adverse Human Health No data available.

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



SAFETY DATA SHEET

Rubberized Undercoating

Revision: 08/28/2017
Supersedes Revision: 12/21/2015

79-20-9	Methyl acetate (Methyl ester of acetic acid)	10.0 -15.0 %	201-185-2 607-021-00-X	STOT (SE) 3: H335 H336 Toxic Repro. 2: H361d STOT (RE) 2: H373 Flam. Liq. 2: H225 Eye Damage 2: H319 STOT (SE) 3: H335 H336 EUH066
67-64-1	Acetone	1.0 -5.0 %	200-662-2 606-001-00-8	Flam. Liq. 2: H225 Eye Damage 2: H319 STOT (SE) 3: H336 EUH066

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. If in eyes, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. 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.

No data available.

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

- 6.1 Protective Precautions, Protective Equipment and Emergency Procedures:** No data available.
- 6.2 Environmental Precautions:** No data available.
- 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:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces - No smoking. Do not spray on open flame or any other ignition source. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Pressurized container: Do not pierce or burn even after use. Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Take off contaminated clothing and wash it before reuse.
Use only outdoors or in a well-ventilated area. Wear protective gloves/clothing and eye/face protection. Keep out of the reach of children.
- 7.2 Precautions To Be Taken in Storing:** Store container tightly closed in well-ventilated place. Store locked up. Do not expose to temperatures exceeding 50C/122F.

Section 8. Exposure Controls/Personal Protection

8.1 Exposure Parameters:

CAS #	Chemical Name	Jurisdiction	Recommended Exposure Limits	Notations
1317-65-3	Calcium Carbonate	OSHA PELs	PEL: 15 (dust); 5 (resp.) mg/m3	
		Britain EH40	TWA: 10 mg/m3 (Inhalable dust)	
108-88-3	Toluene	ACGIH TLV	TLV: 50 ppm	
		Europe	TWA: 192 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	
		France VL	TWA: 192 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	
		OSHA PELs	PEL: 200 ppm STEL: 500 ppm/(10min) CEIL: 300 ppm	
		Britain EH40	TWA: 191 mg/m3 (50 ppm) STEL: 384 mg/m3 (100 ppm)	Skin Absorption
79-20-9	Methyl acetate (Methyl ester of acetic acid)}	ACGIH TLV	TLV: 200 ppm STEL: 250 ppm	
		France VL	TWA: 610 mg/m3 (200 ppm) STEL: 760 mg/m3 (250 ppm)	
		OSHA PELs	PEL: 200 ppm	
		Britain EH40	TWA: 616 mg/m3 (200 ppm) STEL: 770 mg/m3 (250 ppm)	
67-64-1	Acetone	ACGIH TLV	TLV: 500 ppm	



SAFETY DATA SHEET

Rubberized Undercoating

Revision: 08/28/2017
Supersedes Revision: 12/21/2015

67-64-1 Acetone (continued)	Europe	STEL: 750 ppm TWA: 1210 mg/m3 (500 ppm)
	France VL	TWA: 1210 mg/m3 (500 ppm) STEL: 2420 mg/m3 (1000 ppm)
	OSHA PELs	PEL: 1000 ppm
	Britain EH40	TWA: 1210 mg/m3 (500 ppm) STEL: 3620 mg/m3 (1500 ppm)

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.
No data available.

Section 9. Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Physical States:	[] Gas [X] 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.
Flammability (solid, gas):	No data available.
Explosive Limits:	LEL: 1.2 UEL: 16
Vapor Pressure (vs. Air or mm Hg):	No data.
Vapor Density (vs. Air = 1):	No data.



SAFETY DATA SHEET

Rubberized Undercoating

Specific Gravity (Water = 1): 1.127
Solubility in Water: Negligible
Octanol/Water Partition Coefficient: No data.
Autoignition Pt: No data.
Decomposition Temperature: No data.
Viscosity: 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 [X]
- 10.3 Conditions To Avoid - Hazardous Reactions:** No data available.
- Possibility of Hazardous Reactions:** Will occur [] Will not occur [X]
- 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.

Section 11. Toxicological Information

- 11.1 Information on Toxicological Effects:** No data available.

CAS #	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1317-65-3	Calcium Carbonate	n.a.	n.a.	n.a.	n.a.
68476-86-8	Liquified petroleum gas, sweetened	n.a.	n.a.	n.a.	n.a.
108-88-3	Toluene	n.a.	3	A4	n.a.
79-20-9	Methyl acetate (Methyl ester of acetic acid)	n.a.	n.a.	n.a.	n.a.
67-64-1	Acetone	n.a.	n.a.	A4	n.a.

Section 12. Ecological Information

- 12.1 Toxicity:** No data available.
- 12.2 Persistence and Degradability:** No data available.
- 12.3 Bioaccumulative Potential:** No data available.
- 12.4 Mobility in Soil:** No data available.
- 12.5 Results of PBT and vPvB assessment:** No data available.
- 12.6 Other adverse effects:** No data available.



SAFETY DATA SHEET

Rubberized Undercoating

Section 13. Disposal Considerations

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

Section 14. Transport Information

14.1 LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Aerosols, 2.1, Ltd Qty
UN Number: 1950
Hazard Class: 2.2 - NONFLAMMABLE GAS **ADR Classification:** 2.1

14.2 MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Aerosols, 2.1 Ltd. Qty.
UN Number: 1950 **Packing Group:**
Hazard Class: 2.2 - NONFLAMMABLE GAS **IMDG Classification:** 2.1
IMDG MFAG Number:
IMDG EMS Page: **Marine Pollutant:** No

14.3 AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Aerosols, Flammable, 2.1, Ltd Qty
UN Number: 1950
Hazard Class: 2.2 - NONFLAMMABLE GAS **IATA Classification:** 2.1

Section 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)
1317-65-3	Calcium Carbonate	No	No	No
68476-86-8	Liquified petroleum gas, sweetened	No	No	No
108-88-3	Toluene	No	Yes 1000 LB	Yes
79-20-9	Methyl acetate (Methyl ester of acetic acid)	No	No	No
67-64-1	Acetone	No	Yes 5000 LB	No

CAS # Hazardous Components (Chemical Name)

Other US EPA or State Lists

1317-65-3	Calcium Carbonate	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: Yes - 1; SC TAP: No; WI Air: No
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
108-88-3	Toluene	CAA HAP,ODC: HAP; CWA NPDES: Yes; TSCA: Yes - Inventory, 8A CAIR; CA PROP.65: Yes: RDTox(F); 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: Yes - Inventory, 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



SAFETY DATA SHEET

Rubberized Undercoating

Revision: 08/28/2017

Supersedes Revision: 12/21/2015

67-64-1 Acetone

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: Part 5; NC TAP: No; NJ EHS: No; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No; WI Air: Yes

CAS # Hazardous Components (Chemical Name)

International Regulatory Lists

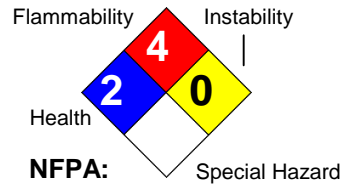
1317-65-3	Calcium Carbonate
68476-86-8	Liquified petroleum gas, sweetened
108-88-3	Toluene
79-20-9	Methyl acetate (Methyl ester of acetic acid}
67-64-1	Acetone

Canadian DSL: No; Canadian NDSL: Yes; Taiwan TCSCA: Yes
 Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
 Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
 Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes
 Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA: Yes

Section 16. Other Information

Revision Date: 08/28/2017

Hazard Rating System:



Additional Information About 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.