

1. Product and Company Identification

Product Code: C35
Product Name: Rubberized Undercoating
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

Intended Use: Undercoating

2. Hazards Identification

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



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.

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



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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.

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

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1317-65-3	Calcium Carbonate	30.0 -35.0 %
68476-86-8	Liquified petroleum gas, sweetened	15.0 -20.0 %
108-88-3	Toluene	15.0 -20.0 %
79-20-9	Methyl acetate (Methyl ester of acetic acid)	10.0 -15.0 %
67-64-1	Acetone	1.0 -5.0 %

4. First Aid Measures

Emergency and First Aid Procedures: 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.

5. Fire Fighting Measures

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.

Suitable Extinguishing Media: Alcohol, foam, CO2, dry chemical, water fog.

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.

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



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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.

Hazardous Combustion

No data available.

Products:

6. Accidental Release Measures

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

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.

7. Handling and Storage

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.

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.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1317-65-3	Calcium Carbonate	PEL: 15 (dust); 5 (resp.) mg/m ³	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.



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**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.

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.

**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.

**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.

9. 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.

Specific Gravity (Water = 1):

1.127

Solubility in Water:

Negligible

**Octanol/Water Partition
Coefficient:**

No data.

Percent Volatile:

37.55 % by weight.

Autoignition Pt:

No data.

Decomposition Temperature:

No data.

Viscosity:

No data.



10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions To Avoid - Instability: Avoid open flames and high temperatures, all sources of ignition and welding arcs. Temperatures above 120 F.

Incompatibility - Materials To Avoid: May react with oxygen and strong oxidizing agents such as chlorates, nitrates, peroxides, etc. Avoid contact with strong oxidizers.

Hazardous Decomposition or Byproducts: Carbon monoxide, carbon dioxide, smoke, fumes.

Possibility of Hazardous Reactions: Will occur [] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: 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.

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: Aerosols, 2.1 Ltd. Qty.
DOT Hazard Class: 2.2 NONFLAMMABLE GAS
UN/NA Number: UN1950

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

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



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

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
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

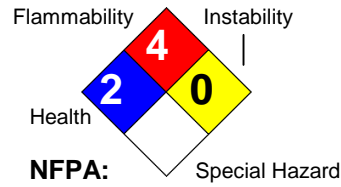
CAS # Hazardous Components (Chemical Name)**International Regulatory Lists**

1317-65-3	Calcium Carbonate	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

16. Other Information

Revision Date: 08/28/2017

Hazard Rating System:



Additional Information About No data available.

This Product:

Company Policy or

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