

CYCLO[®] INDUSTRIES, LLC

MATERIAL SAFETY DATA SHEET

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This MSDS is being provided to your company for the purpose of providing current health and safety information to your management and for your employees who work with this product. Please read the information on these sheets and then provide this information to those people at your company whose responsibility it is to comply with FEDERAL, STATE and COMMUNITY RIGHT TO KNOW regulations. Also, make this information available to any employee who requests it.

If Cyclo Industries, LLC considers the formula of this product to be a trade secret, the exact chemical names of the ingredient(s) and the percentages in which they are combined will not appear in the body of this sheet. The exact composition is available upon request to physicians, industrial hygienists and other health professionals.

SECTION 1 — PRODUCT IDENTIFICATION

Product Name: C-35 Cyclo Rubberized Undercoating

Hazardous Material Description: DOT – Aerosol, Consumer Commodity ORM-D
IMDG – Aerosols, Limited Quantity, Class 2, UN1950

HMIS Code: HEALTH=2 FLAMMABILITY=4 REACTIVITY=0

Percent V.O.C. By Weight: 57.25%

SECTION 2 — PHYSICAL DATA

Boiling Range: 313 - 386°F

Specific Gravity (H₂O=1): 1.12

Vapor Pressure: 2 mm/Hg

Vapor Density (AIR=1): 4.9

Percent Volatile By Volume (%): 100.0%

pH: Not determined

Solubility in Water: Not soluble in water.

Evaporation Rate (n-butyl acetate=1): 0.21

Appearance and Odor: Black, viscous liquid - strong solvent odor in a hydrocarbon propellant.

SECTION 3 — HAZARDOUS INGREDIENTS

CAS Reg. No.	Material	Percentage	PEL (Units)
64742-89-8	VM & P Naphtha	10 - 15%	300 PPM
108-88-3	* Toluene	15 - 20%	100 PPM
68476-86-8	Propane-Isobutane-N-butane	20 - 30%	1000 PPM
8052-42-4	Natural Asphalt	10 - 15%	Not given
1317-65-3	Calcium Carbonate	15 - 20%	5 mg/m ³ (respirable fraction)

* The indicated substance is subject to the reporting requirements of SARA Title III Section 313.

SECTION 4 — FIRE AND EXPLOSION HAZARD DATA

Flash Point: <-20°F Method Used: T.C.C.

Lower Explosion Limit: 0.6 Upper Explosion Limit: 7.0

Extinguishing Media: CO₂, foam, dry chemical.

Special Fire Fighting Procedures: Self Contained Breathing Apparatus with full face piece operated in pressure demand or positive pressure mode should be worn in fighting fires involving chemicals. Water spray may be used to cool fire-exposed containers.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel a great distance along the ground to an ignition source and flashback.

SECTION 5 — HEALTH HAZARD DATA

Acute Health Effects:

Ingestion: Unlikely route of exposure. If ingested, could cause nausea, vomiting and diarrhea.

Inhalation: Headaches, dizziness, nausea, decreased blood pressure and changes in heart rate may result.

Skin Contact: May cause redness or dry skin.

Eye Contact: May cause redness, tearing or blurred vision.

Threshold Limit Value: Not determined.

First Aid Procedures:

Ingestion: Do not induce vomiting. Give CONSCIOUS victim large quantities of water. Call a physician immediately. NEVER give water to unconscious victim.

Skin Contact: Wash with soap and water. If irritation persists, contact a physician.

Inhalation: Remove to fresh air. Get immediate medical attention. If breathing has stopped, begin artificial respiration.

Eye Contact: Flush with water for 15 minutes. Obtain medical attention if necessary.

SECTION 6 — REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Excessive heat, open flame.

Incompatibility (materials to avoid): Strong Oxidizing agents.

Hazardous Decomposition Products: Carbon dioxide or carbon monoxide.

Hazardous Polymerization: Cannot occur.

SECTION 7 — SPECIAL PROTECTION INFORMATION

Respiratory Protection: Wear organic vapor air purifying respirator.

Ventilation: Strong general or local exhaust ventilation.

Local Exhaust Rate: Not determined.

Mechanical (General): Recommended.

Skin Protection: Chemical resistant gloves and apron.

Eye Protection: Wear chemical splash goggles

Other Protective Equipment: Wear impervious clothing to prevent prolonged skin contact.

Engineering Controls: Eyewash station and safety shower.

Comments: Never eat, drink or smoke in work areas.

SECTION 8 — SPILL OR LEAK PROCEDURES

Steps To Be Taken In Case Material Is Released or Spilled: Evacuate all unnecessary personnel and provide adequate ventilation. Do not release into waterways or sewers. Collect with inert absorbent and place in recovery drums disposal.

Waste Disposal Method: Waste must be disposed of according to local, state and federal regulations.

CERCLA (Superfund) Reportable Quantity (in lb.): Not determined.

RCRA Hazardous Waste No. (40 CFR 261.33): As a waste, this product does meet the criteria as a hazardous waste. As a waste, this product can be fuel blended at a fuel blending facility.

SECTION 9 — SPECIAL PRECAUTIONS

Precautions To Be Taken In Handling and Storage: Store in a cool, dry place away from sparks and flames. Do not puncture or incinerate. Do not store above 120°F or below 32°F. Store in areas designated for the storage of (Level III) aerosols according to NFPA 30 (Manufacture and Storage of Aerosol Products).

Other precautions: Keep this and all chemicals out of the reach of children. Wash thoroughly after handling. Do not get into eyes, on skin or on clothing. Do not smoke while using this product. Do not use near excessive heat, sparks or open flames.

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