



## SECTION 1 - Product Information

Product Identifier: 117 Gloss - Clear Acrylic Coating

Product Use: Protective Coating

Manufacturer's Name: Aerove Industries Inc.

Address: 1100 Mark Circle, Gardnerville, NV 89410

Emergency Phone: 1-800-424-9300

Preparation Date: January 20, 2011

## SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD <sub>50</sub> of Ingredient (species & route)	LC <sub>50</sub> of Ingredient (species)
Acetone	30 - 60	67-64-1	5800 mg / kg (Rat-Oral)	21000 ppm / 8 hr (Rat)
Propane	10 - 20	74-98-6	N / AV	N / AV
n-Butyl Acetate	10 - 20	123-86-4	N / AV	N / AV
Propylene Glycol Methyl Ether Acetate	1 - 5	108-65-6	N / AV	N / AV
n-Butane	3 - 7	106-97-8	N / AV	N / AV
Isobutane	1 - 5	75-28-5	N / AV	57 pph / 15 min (Rat)
Aliphatic Hydrocarbon	1 - 5	8032-32-4	N / AV	N / AV

## SECTION 3 - Physical Data

Physical State: Aerosol      Specific Gravity: 0.7      Evaporation Rate: Faster than n-Butyl Acetate  
Boiling Point: -10° F (-23° C)      Freezing Point: N / AV      pH: N / AP  
Vapor Density (air = 1): Heavier than air      Vapor Pressure (psig): 50 - 60  
Odor and Appearance: Clear liquid / Solvent based odor

## SECTION 4 - Fire and Explosion Data

Flammability: Flammable aerosol under conditions of sparks, flame, or excessive heat.  
Means of Extinction: *Extinguishing Media* - Foam, Alcohol Foam, CO<sub>2</sub>, Dry Chemical, Water Fog. *Firefighting Procedures* - Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature. Use water spray to cool containers to prevent pressure build up. Self-contained breathing apparatus should be used if product is involved in fire.  
Flashpoint: < 0° F (-18° C)      Method Used: Estimated      Flammable Limits - LFL: 1% UFL: 12.8%  
Autoignition Temperature: N / AV      Hazardous Combustion Products: Carbon Monoxide, Carbon Dioxide.  
Explosion Data - Sensitivity to Mechanical Impact: No      Explosion Data - Sensitivity to Static Discharge: No

## SECTION 5 - Reactivity Data

Chemical Stability: Stable      Incompatibility with Other Substances: Strong oxidizing agents.  
Reactivity & Conditions: None      Hazardous Decomposition Products: None

Primary Routes of Entry: Skin Contact, Eye Contact, Inhalation

Effects of Acute Exposure to Product:

*Skin Contact* - Irritation.*Eye Contact* - Irritation.*Inhalation* - Irritation. May cause dizziness, light-headedness and / or headaches. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Effects of Chronic Exposure to Product: Dermatitis. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Repeated overexposure can also damage kidneys, lungs, liver, heart and blood.

Exposure Limits (TLV):

Acetone	500 ppm TWA and 750 ppm STEL - ACGIH 2005
Propane	2500 ppm TWA - ACGIH 2005
n-Butyl Acetate	150 ppm TWA and 200 ppm STEL - ACGIH 2005
Propylene Glycol Methyl Ether Acetate	N / AV - ACGIH 2005
n-Butane	800 ppm TWA - ACGIH 2005
Isobutane	N / AV - ACGIH 2005
Aliphatic Hydrocarbon	N / AV - ACGIH 2005

Irritancy: Skin, eyes, and respiratory tract.

Sensitization: N / AV

Carcinogenicity: The ingredients are not listed as a human carcinogen by IARC, ACGIH, NTP, or OSHA.

Reproductive Toxicity: N / AV      Teratogenicity: N / AV      Mutagenicity: N / AV      Synergistic Products: N / AV

## SECTION 7 - Preventive Measures

Personal Protective Equipment (PPE): Gloves - Yes    Respirator - Yes    Eye - Yes    Footwear - No    Clothing - No    Other - No  
*Skin Protection* - Chemical resistant gloves such as Neoprene or Nitrile rubber.*Respiratory Protection* - In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator.

For concentrations above the TLV (as defined in Section 6), use a positive air supplied respirator.

*Eye Protection* - Safety glasses or goggles.

Engineering Controls: General ventilation to maintain exposure limits below TLV's as defined in Section 6.

Leak and Spill Procedure: Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.

Waste Disposal: Dispose of in accordance with local, state/provincial or territorial, and federal regulations. Do not incinerate closed containers.

Handling Procedures and Equipment: Do not use near heat, sparks, or open flame. Use PPE as defined in Section 7.

Storage Requirements: Do not store near heat, sparks, flame or above 120° F (49° C).

Special Shipping Information: Consumer Commodity ORM-D.

## SECTION 8 - First Aid Measures

Inhalation: Remove from exposure, seek medical attention if signs/symptoms persist.

Ingestion: Do NOT induce vomiting, seek medical attention.

Skin Contact: Wash affected area with soap and water, remove contaminated clothing, seek medical attention if irritation persists.

Eye Contact: Flush immediately with water for 15 minutes, seek medical attention if irritation persists.

## SECTION 9 - Preparation Information

Prepared by: Technical Department

Telephone Number: 775-783-3100

Preparation Date: 1-20-2011

NOTE: N / AP = Not Applicable    N / AV = Not Available

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