

Crown 6084 Red Insulating Varnish - Aerosol



SECTION 6 - Toxicological Properties

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.
Effects of Chronic Exposure to Product: Dermatitis.

Exposure Limits (TLV):
 Xylene 100 ppm TWA and 150 ppm STEL - ACGIH 2005
 Trichloroethylene 50 ppm TWA and 100 ppm STEL - ACGIH 2005
 Dimethyl Ether N / AV - ACGIH 2005
 n-Butyl Acetate 150 ppm TWA and 200 ppm STEL - ACGIH 20055
Irritancy: Skin, eyes, and respiratory tract.
Sensitization: N / AV

Carcinogenicity: Trichloroethylene is not listed as a human carcinogen by OSHA. It is listed by ACGIH as TLV-A5, "Not suspected as a Human Carcinogen"; by NTP as R "Reasonably Anticipated To Be A Human Carcinogen"; by IARC as 2A "Probably Carcinogenic to Humans". The remaining ingredients are not listed as a human carcinogen by OSHA, ACGIH, NTP, or IARC.
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:** 11/30/11

THE INFORMATION CONTAINED HEREIN IS BELIEVED TO BE ACCURATE BUT IS NOT WARRANTED TO BE SO. NOTHING CONTAINED HEREIN CONSTITUTES A SPECIFICATION NOR IS IT INTENDED TO WARRANT SUITABILITY FOR THE INTENDED USE.

(11037)

SECTION 1 - Product Information

Product Identifier: 6084 Red Insulating Varnish
Product Use: Electrical Insulation Coating
Manufacturer's Name: Aerove Industries Inc.
Address: 1100 Mark Circle, Gardnerville, NV 89410
Emergency Phone: 1-800-424-5300
Preparation Date: November 30, 2011

SECTION 2 - Hazardous Ingredients

Hazardous Ingredients	Weight %	CAS Number	LD ₅₀ of Ingredient (species & route)	LC ₅₀ of Ingredient (species)
Xylene	15 - 40	1330-20-7	4300 mg / kg (Rat-Oral)	6700 ppm / 4 hr (Rat)
Trichloroethylene	10 - 30	79-01-6	4920 mg / kg (Rat-Oral)	12,500 ppm / 4 hr (Rat)
Dimethyl Ether	10 - 30	115-10-6	10,000 mg / kg (Rabbit-Skin)	164,000 ppm / 4 hr (Rat)
n-Butyl Acetate	1 - 2	123-86-4	N / AV	N / AV

SECTION 3 - Physical Data

Physical State: Aerosol
Boiling Point: N / AV
Vapor Density (air = 1): Heavier than air
Odor and Appearance: Hydrocarbon odor / Red liquid
Coefficient of Water/Oil Distribution: N / AV
Specific Gravity: 0.9
Freezing Point: N / AV
Evaporation Rate: Faster than n-Butyl Acetate
pH: N / AV
Vapor Pressure (psig): 25 - 35
Odor Threshold (ppm): N / AV

SECTION 4 - Fire and Explosion Data

Flammability: Yes - Flammable aerosol under conditions of sparks, flame, or excessive heat.
Means of Extinction: Extinguishing Media - Carbon dioxide, dry chemical, water spray. **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:** 1.1% **UFL:** 18.0%
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
Reactivity & Conditions: None
Incompatibility with Other Substances: Strong oxidizing agents.
Hazardous Decomposition Products: None

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

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APPROVED MATERIAL

FEB 02 2012

MSDS # 11037

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