

MATERIAL SAFETY DATA SHEET for COLORGARD

Section 1 – Manufacturer Information

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Section 2 – Hazardous Ingredients

Hazardous Ingredients:

Styrene Acrylate Polymer	CAS #25085-34-1
Ar 100 Solvent (Naptha)	CAS #64742-95-6
Xylene**	CAS #1330-20-7
Trimethybenzenes**	CAS #2552-14-7
Cumene**	CAS #98-82-8
Regular Mineral Spirits	CAS #64741-41-9

<i>OSHA PEL:</i>	<i>ACGIH TLV:</i>	<i>Other Limits:</i>	<i>Contents (%)</i>
10 mg/m ₃	None	Dust	
100 ppm	100 ppm	UN #1255	
100 ppm	100 ppm	*see note	
25 ppm	25 ppm	Trace	
50 ppm	50 ppm	Trace	
500 ppm	200 ppm		

*NOTE: ACGIH-OSHA short term exposure for Xylene is 150 ppm, NIOSH recommends a limit of 100 ppm 8-hour TWA; 200 ppm 10 minute ceiling.

** This chemical is subject to the reporting requirements of SARA 313 and 40 CFR 372.

GENERAL INFORMATION: To the best of our knowledge the information contained herein is correct. Lambert Corporation of Florida, Inc. assumes no responsibility for accuracy or completeness. User is responsible for suitability.

FOR INDUSTRIAL USE ONLY.

HMIS Rating: Health - 2 Flammability - 2 Reactivity - 0 Personal Protection - B

Section 3 – Physical/Chemical Characteristics

<i>Boiling Point: 760 mm HG</i>	326°-348°F	<i>Specific Gravity (H2) = 1):</i>	.88
<i>Vapor Pressure (mm Hg.):</i>	3.1	<i>Melting Point:</i>	NONE
<i>Vapor Density (AIR = 1):</i>	4.3	<i>Evaporation Rate (Butyl Acetate = 1):</i>	0.37

Solubility in Water: INSOLUBLE

Appearance and Odor: VARIOUS COLORS WITH AROMATIC ODOR.

Section 4 – Fire and Explosion Hazard Data

<i>Flash Point (Method Used):</i> 116°F TCC	<i>Flammable Limits</i>	<i>LEL</i>	<i>UEL</i>
<i>Extinguishing Media:</i> FOAM, STEAM, WATER-FOG, DRY CHEMICALS.	<i>In air % by volume:</i>	0.5	6.0

Special Fire Fighting Procedures : FIREFIGHTERS SHOULD WEAR SCBA. WATER SPRAY OR FOAM MAY BE INEFFECTIVE BECAUSE OF FROTHING; APPLY CAUTIOUSLY

Unusual Fire and Explosion Hazards: MATERIAL IS COMBUSTIBLE AND MAY BE IGNITED BY HEAT OR FLAME. MATERIAL WILL BURN, BUT WILL NOT IGNITE READILY. **CAUTION:** CLOSED CONTAINERS MAY EXPLODE WHEN HEATED. NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUMS (EVEN EMPTY) BECAUSE PRODUCT (EVEN RESIDUE) CAN IGNITE EXPLOSIVELY. ALL METAL CONTAINERS SHOULD BE GROUNDED WHEN MATERIAL IS TRANSFERRED.

Section 5 – Reactivity Data

Stability: Stable Unstable

Conditions to Avoid: AVOID ALL POSSIBLE SOURCES OF IGNITION, HEAT, STRONG ACIDS OR BASES, OXIDIZING AGENTS OR SELECTED AMINES.

Incompatibility (Materials to Avoid): STRONG ACIDS OR BASES, OXIDIZING AGENTS OR SELECTED AMINES.

Hazardous Decomposition of Byproducts: COMBUSTION MAY YIELD CARBON MONOXIDE AND/OR CARBON DIOXIDE.

Hazardous Polymerization: May Occur Will Not Occur

Conditions to Avoid: NONE

Section 6 – Health Hazard Data*Routes of Entry:*

Eyes: IRRITANT

Inhalation: IRRITANT

Skin: MODERATE IRRITANT

Ingestion: MILD EXCITATION

Health Hazards (Acute and Chronic): **ACUTE:** OVER-EXPOSURE MAY CAUSE ANESTHESIA, HEADACHE, NAUSEA & DIZZINESS. CHRONIC OVER-EXPOSURE HAS BEEN SUGGESTED AS A CAUSE OF LIVER ABNORMALITIES IN HUMANS. DELIBERATE MISUSES OF INTENTIONALLY INHALING VAPOR MAY BE HARMFUL OR FATAL.

Carcinogenicity: NONE

NTP: NO

IARC Monographs: NO

OSHA Regulated: FLAMMABLE

Signs and Symptoms of Exposure: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVER-EXPOSURE TO SOLVENTS WITH PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE.

Medical Conditions Generally Aggravated by Exposure: DERMATITIS, PRE-EXISTING LUNG, KIDNEY OR LIVER DISORDERS.

Emergency First Aid Procedures: **EYES:** FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. **SKIN:** WASH EXPOSED AREA WITH SOAP & WATER. **INHALATION:** REMOVE TO FRESH AIR. **INGESTION:** DO NOT INDUCE VOMITING. CALL A DOCTOR IMMEDIATELY. ASPIRATION HAZARD – GIVE NOTHING BY MOUTH BECAUSE MATERIAL CAN ENTER LUNGS AND CAUSE SEVERE LUNG DAMAGE. IF POSSIBLE DO NOT LEAVE VICTIM UNATTENDED. ASPIRATION OF MATERIAL INTO THE LUNGS DUE TO VOMITING CAN CAUSE CHEMICAL PNEUMONITIS WHICH CAN BE FATAL. FOR ANY OTHER PERSISTENT PROBLEM GET MEDICAL HELP.

Section 7 – Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled: AVOID PROLONGED BREATHING OF VAPORS. REMOVE SOURCES OF HEAT OR IGNITION, INCLUDING INTERNAL COMBUSTION ENGINES & POWER TOOLS. SMALL SPILL – ABSORB LIQUID ON PAPER, VERMICULITE OR FLOOR ABSORBENT MATERIAL & TRANSFER TO DISPOSAL CONTAINER. LARGE SPILL – KEEP ALL UNNECESSARY PEOPLE AWAY FROM AREA, STOP SPILL AT SOURCE, DIKE AREA TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK, ABSORB REMAINING LIQUID S SMALL SPILL & SHOVEL INTO CONTAINERS. DO NOT FLUSH TO SEWER.

Waste Disposal Method: DISPOSE OF MATERIAL THROUGH A LICENSED WASTE DISPOSAL COMPANY. FOLLOW ALL FEDERAL, STATE & LOCAL REGULATIONS.

Precautions to be Taken in Handling and Storage: STORE IN TIGHTLY SEALED CONTAINERS IN A COOL, DRY PLACE AWAY FROM SOURCES OF HEAT AND IGNITION. GROUND AND BOND ALL TRANSFER AND STORAGE EQUIPMENT.

Other Precautions: STORE & HANDLE CONTAINERS AS COMBUSTIBLE LIQUID. EMPTY CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT CUT, WELD, BRAZE, GRIND OR PRESSURIZE.

Section 8 – Control Measures

Respiratory Protection (Type): IF WORKPLACE EXPOSURE LIMIT IS EXCEEDED A NIOSH/OSHA APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED.

Ventilation:

- Local Exhaust: PROVIDE SUFFICIENT TO MAINTAIN EXPOSURE LIMIT BELOW TLV (S).
- Mechanical (General):
- Special:
- Other:

Protective Gloves: RESISTANT – NITRILE RUBBER

Eye Protection: CHEMICAL SPLASH GOGGLES

Other Protective Clothing or Equipment: WEAR IMPERVIOUS CLOTHING AS NEEDED. SAFETY SHOWER AND EYE BATH IN VICINITY IS RECOMMENDED.

Work/Hygienic Practices: PRACTICE GOOD HOUSEKEEPING. USE GOOD PERSONAL HYGIENE.