

COATINGS & ADHESIVES CORPORATION
 HWY 74/76 P.O. BOX 1080
 LELAND, NC 28451
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HMIS
 Health 1
 Flammability 0
 Reactivity 0
 Personal Protection B

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: 1542 A, B, BC, C, D, E
 Chemical Family: Waterbased Acrylic Coatings
 Date Prepared : November 8, 2011
 Prepared by: Rick Pasin
 Telephone Number: 910-371-3184
 Emergency Phone Number: 910-371-3184 or CHEMTREC 800-424-9300

SECTION 2 - HAZARDOUS AND OTHER INGREDIENTS

	CAS#	OSHA-PEL	ACG1HTLV	%
Ammonium Hydroxide (Aqueous 28%)	1336- 21 - 6	NA	LD50:350 mg/kg	34 %

* The above chemicals are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (40CFR372)

SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS

Boiling Point: 212°F	Solubility in water: Complete
Vapor Pressure: nd	Appearance and Odor: Milky tan liquid, slight ammonia odor
Vapor Density: Approx. 1.0	
Percent volatile by weight: 65%	Specific Gravity: 1.0 - 1.1
Flash Point: Greater than 200°F	Evaporation Rate (water=1): Approx. 1.0
Extinguishing Media: This is a waterbased product and is not expected to burn and should be selfextinguishing. The dried residues and container may burn and can be controlled with water, foam, dry chemical or carbon dioxide.	Flammable Limits: N/A

Special Fire Fighting Procedures: Fire Fighters and others who may be exposed to the products of combustion should be equipped with self-contained breathing apparatus and protective clothing.

Unusual Fire and Explosion Hazards: None

SECTION 4 - VOC INFORMATION

VOC : 0.33%, 0.028 lbs/gallon VOC = 0.0879 Lbs voc/gallon less water and exempt compounds	Weight per gallon: 8.8 lbs/gal.
Volume percent of Volatiles: 67.34%	Volume percent of VOC's: 0.44%
Percent VOC's volume of total volatile volume: 0.65%	Water: 63.98% by weight, 67.47% by volume

SECTION 5 - PHYSICAL HAZARDS

Stability: Unstable ()
 Stable (x)

Conditions to avoid: None known

Incompatibility: Strong Oxidizers

Hazardous Decomposition or Byproducts: Oxides of nitrogen and carbon

Hazardous Polymerization: May occur ()
 Will not occur (x)

SECTION 6 - HEALTH HAZARDS

Route(s) of Entry: Inhalation - NO Skin - YES Ingestion - YES

Health Hazards: Eye contact may cause irritation. Repeated skin contact may also cause irritation.

Carcinogenicity: None NTP? - No IARC Monographs - No OSHA Regulated - No

Signs and Systems of Exposure: Redness of the affected area

Medical Conditions Generally Aggravated by Exposure: None known

EMERGENCY FIRST AID PROCEDURES

1. Inhalation of fumes: Move to fresh air
2. Eye contact: Flush with large amounts of water and get medical attention if irritation persists
3. Ingestion: Get medical assistance
4. Skin contact: Wash thoroughly with soap and water

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken in case material is released or spilled:
 Dike material with absorbent to stop spreading. Prevent leakage into waterways. Mop up small spills immediately. The wet and dried coating may present a slip hazard.

Waste disposal methods: Dispose of in accordance with federal, state and local regulations for non-hazardous waste

Precautions to be taken in handling and storage: Store above 45^BF as product will freeze and coagulate. Observe all appropriate local regulations.

SECTION 8 - CONTROL MEASURES

Respiratory Protection: Not generally needed with normal use

Ventilation - Local Exhaust: Preferable Special: None
 Mechanical: Preferable Other: None

Protective Gloves - Use neoprene or rubber

Eye Protection - Use splash proof goggles

Other Protective Clothing or Equipment - None

Work/Hygienic Practices - Use good work practices to avoid contact and spillage. Fumes should be adequately exhausted to the outside.

SECTION 9 - Regulatory Information

DOT: This product is not regulated by the DOT.

TSCA: All ingredients are listed on the US EPA TSCA list.

Section 10 - Other

1. It is in compliance with CONEG, Consumer Product Safety Improvement Act of 2008, 16CFR 1303, EN71 part 3 European Toy Standard and ROHS legislation for heavy metals. No intentional lead, cadmium, mercury or hexavalent chromium has been added during the manufacturing process. The aggregate total concentration is less than 100 parts per million by weight. The lead concentration is less than 90 parts per million.
2. No Polybrominated Biphenyls or Polybrominated Diphenyl Ethers are used in the formulation or manufacture
3. No chlorinated compounds or PCB's are used in the formulation or manufacture.
4. No compounds derived from animals or known major food allergens (milk, eggs, fish, crustacean shellfish, tree nuts, wheat, peanuts or soybeans) are used in the formulation or manufacture. The products are not Kosher certified though.
5. No phthalate compounds are contained in the formulation. This includes: di-(2-ethylhexyl) phthalate (DEHP), dibutyl phthalate (DBP), benzyl butyl phthalate (BBP), diisononyl phthalate (DINP), diisodecyl phthalate (DIDP) and di-n-octyl phthalate (DnOP).
6. No Class I or Class II ozone depleting substances are contained in the products.
7. No natural rubber or latex is contained in the products.
8. No chemicals are contained in the products in quantities that require notification under California Proposition 65.
9. No Perfluoro-octane-sulfonic acid and its salts (PFOA and PFOS).