



Material Safety Data Sheet

Chemical Name:	ALDOCOAT 394
Date of Preparation:	May 6, 2009
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Revision #	1

Section 1 – Chemical Product and Company Identification

Product / Chemical Name:	ALDOCOAT 394
Product Composition:	Silicone Coating
CAS Number:	Mixture
Manufacturer's Name:	Aldo Products Company, Inc.
Manufacturer's Address:	1604 N Main Street Kannapolis, NC 28081 704-932-3054 www.aldoproducts.com
Emergency Telephone Number:	800-535-5053

Section 2 – Composition / Information on Ingredients

Reportable Components	CAS Number	Vapor Pressure	Amount
Crystalline Silica	14808-60-7	N/A	31 ± 2%
OSHA PEL: 0.1 mg/m ³ (as respirable dust only)			
ACGIH PEL: 0.1 mg/m ³ (as respirable dust only)			
Petroleum Solvent	Mixture	2.0 at 20°C	less than 17%
100 ppm TWA (OSHA)			
100 ppm TWA (ACGIH)			

Note: All other chemicals in this product are Trade Secrets and are not regulated as hazardous by any state Right-to-Know law.

Section 3 – Hazards Identification

Effects of overexposure:	
Inhalation:	Nasal and respiratory irritation, dizziness, fatigue, unconsciousness, asphyxiation.
Ingestion:	Can cause gastrointestinal disorders.
Skin:	Possible irritation, dermatitis and defatting
MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: Not Known.	
PRIMARY ROUTE(S) OF ENTRY: Dermal, Inhalation or ingestion.	

Section 4 – First Aid Measures

Inhalation:	Move subject to fresh air. If breathing stopped, administer respiration or oxygen, call a physician.
Eye Contact:	Flush eyes with water for 15 minutes. Consult a physician if irritation persists.
Skin Contact:	Remove contaminated clothing, wash affected area with large amounts of soap and water.
Ingestion:	Do not induce vomiting. Consult a physician.

Section 5 – Fire-Fighting Measures

Flash Point:	>105 °F	Method Used: TCC
Flammable Limits in Air Volume (Lower):	1.1	
Flammable Limits in Air Volume (Upper):	5.0	
Extinguishing Media:	Use foam, dry chemical, CO ₂ , or water.	
Fire and Explosion Hazards:	This product is considered combustible and is a fire hazard. It supports combustion and decomposes under fire conditions to give off toxic materials. Do not pour, spill or store near heat, spark sources or open flame.	
Fire-Fighting Instructions:	As appropriate for surrounding materials/equipment. If electrical equipment is involved, the use of foam should be avoided. Use water spray to cool non-involved containers.	
Fire-Fighting Equipment:	Wear SCBA with a full-face piece operated in the positive pressure demand mode and full protective clothing (Bunker Gear) when fighting fires.	
Rate of Burning:	NDA	
Explosive Power:	NDA	
Sensitivity to Static Discharge:	Slight	
Combustion Products:	Carbon monoxide, carbon dioxide, nitrogen oxides.	

Section 6 – Accidental Release Measures

Small spill:	Remove with absorbent material.
Large spill:	Eliminate all ignition sources. Ventilate enclosed areas or wear self-contained breathing apparatus. Recover free liquid in closed containers. Keep out of sewers and water courses. Clean area with absorbent material.
Disposal:	Dispose of absorbed material at an approved disposal site or facility according to state and local regulations.

Section 7 – Handling and Storage

Handling Precautions:	Keep from Freezing	
Storage Requirements:	Store in a cool, dry place.	Keep container tightly closed.

Section 8 – Exposure Controls / Personal Protection

Ventilation:	Use adequate ventilation to keep concentration of vapors below exposure limits.
Respiratory Protection:	Use NIOSH approved vapor canister or supplied-air respiratory protection in confined spaces that are not ventilated.
Protective Gloves:	Use protective gloves if needed to avoid skin irritation.
Other Protective Equipment:	Not needed
Hygienic Practices:	Keep solvent concentration in working atmosphere below TLV.

Section 9 – Physical and Chemical Properties

Physical State:	Viscous liquid
Appearance and Odor:	White or gray with petroleum odor
Vapor Pressure (mm Hg at 20°C) :	Not determined
Density (Air+1):	Heavier than air
Water Solubility:	Negligible
Boiling Point:	310 – 385 °F
Melting Point:	Not Determined
Evaporation Rate:	Slower than ether
Volatile Organic Compounds:	<250 Grams/Liter
Specific Gravity:	(H2O=1) 1.23
Flash Point:	>105 °F

Section 10 – Stability and Reactivity

Incompatibility:	Avoid strong oxidizing agents, concentrated nitric and sulfuric acids, halogen, and molten sulfur.
Hazardous Polymerization:	Will not polymerize
Hazardous Decomposition Products:	By high heat or fire: Carbon Monoxide, Oxides of Nitrogen and various hydrocarbon fragments.
Chemical Stability:	This is a stable product.
Conditions to Avoid:	Keep away from heat, sparks, or flames.

Section 11 – Toxicological Information

No information available

Section 12 – Ecological Information

No information available

Section 13 – Disposal Considerations

Disposal: Treat or dispose of waste material in accordance with all local, state, and federal requirements.

Section 14 – Transport Information

Product Name: ALDOCOAT 394
Shipping Name: N/A
Hazard Class: Non-hazardous

Section 15 – Regulatory Information

EPA Regulations: All components of this product are believed to be in compliance with the inventory listing requirements of the US Toxic Substances Control Act (TSCA) Chemical Substances Inventory.

Section 16 – Other Information

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Approval Date: May 6, 2009

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