

MATERIAL SAFETY DATA SHEET

Complies with the OSHA Communication Standard 29 CFR 1910.1200

Anchor Paint Manufacturing Co., Inc.

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For health hazard information call: (918) 836-4626, for other information call your Anchor Paint representative.

Section I. Identification

CAS: Mixture

Mailing Date: 12/2/2010

Code Number: AA4514

Description: FLEXI-COAT AVIATION WHITE

Revision Date: 07/02/2007

Section II Hazardous Ingredients

Name	CAS NO.	PEL	TLV	OTHER	% By Wt
ALKYLARYL POLYETHER	60864-33-7	N.E.	N.E.	N.E.	.15
2-AMINO-2-METHYL-1-PROPANOL	124-68-5	N.E.	N.E.	N.E.	.17
HYDROTREATED LIGHT DISTILLATE	64742-47-8	N.E.	TLV 5 mg/M3	AS OIL MIST	.02
TITANIUM DIOXIDE	13463-67-7	TWA 15 MG/M3	TWA 10 MG/M3	N.E.	20.14
* ZINC OXIDE	1314-13-2	TWA 5 MG/M3	TWA 5 MG/M3	RESP. DUST	2.68
CRYSTALLINE SILICA	14808-60-7	0.05 MG/M3	TWA .1 MG/M3	RESP. DUST	.05
SILICATE MICA	12001-26-2	TWA 3 MG/M3	TWA 3 MG/M3	TWA 20 MPPCF	1.74
GROUND LESTONE, CALCIUM CARBONATE	1317-65-3	TWA 5 MG/M3	TWA 2 MG/M3	RESP. DUST	6.68
ATTAPULGITE	8031-18-3	TWA 5 MG/M3	TWA 5 MG/M3	RESP. DUST	.26
* ETHYLENE GLYCOL	107-21-1	"C" - 50 PPM	C 100 MG/M3	N.E.	1.34
TRIMETHYLPENTANEDIOL MONOISOBUTYRATE	25265-77-4	N.E.	N.E.	N.E.	.89

The product described by this MSDS may contain chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372. Hazardous ingredients marked with an () are subject to the reporting requirements of this law.

VOC Lbs/Gal Actual.....: .27 32.40 Gr/L

VOC Lbs/Gal Less Water + Exempt: .68 81.60 Gr/L

Specific Gravity (Water=1): 1.34

Section III. Physical/Chemical Characteristics

Boiling Point: 100C/212 Deg. F - Boiling point of water.

Vapor Pressure (mm Hg): 17 mm @ 68F Melting/Freezing Point: 0C/32 Deg. F, water

Vapor Density (Air=1): Less than 1, water
Evaporation Rate (Butyl Acetate=1): (Ethyl Ether=1): Less than 1, water

Solubility in Water: Dilutable

Appearance and Odor: Liquid; Latex emulsion, see description for color.

Section IV. Fire and Explosion Hazard Data

Flash Point (Method Used):	Flammable Limits:	LEL	UEL
Non-combustible		NA	NA

Extinguishing Media: Water fog, alcohol resistant foam, CO2, dry chemical.

Special Fire Fighting Procedures: Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH-approved or equivalent) and full protective gear.

Unusual Fire and Explosion Hazards: Material can splatter above 100C/212F. Polymer film can burn.

Section V. Reactivity Data

Stability: Unstable - NO Stable X Conditions To Avoid:
Decomposition is dependant on time and temperature. Onset of decomposition
is 177C/350F. Avoid high temperatures.

Incompatibility (Materials to Avoid): Strong oxidizing materials.

Hazardous Decomposition or Byproducts: Carbon Dioxide, Carbon monoxide.

Hazardous Polymerization: May Occur NO Will Not Occur X

Conditions to Avoid: Extreme heat or freezing conditions.

Section VI. Health Hazard Data

Route(s) of Entry: Inhalation? Yes Skins? Yes Ingestion? Yes
Health Hazards (Acute and Chronic) / Signs and Symptoms of Exposure:
Inhalation: Vapors or mists can cause headache, nausea, and irritation of the nose, throat, and lungs.

Skin Contact: Irritating to skin upon repeated or prolonged contact.
Eye Contact: Slightly irritating to eyes.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

Medical Conditions Generally Aggravated by Exposure: Persons with severe eye, nose, throat, lung, and skin conditions should avoid use.
Emergency and First Aid Procedures:

Inhalation: Move subject to fresh air, use resuscitation if necessary.
 Eye and Skin Contact: Flush eyes with a large amount of water for at least 15 minutes. See a physician if irritation persists. Wash affected skin areas with soap and water.

Ingestion: If swallowed dilute by giving 2 glasses of water to drink. See a physician. Never give anything by mouth to an unconscious person.

Section VII. Precautions for Safe Handling and Use

Steps To Be Taken In Case Material Is Released Or Spilled: Keep spectators away. Floor may be slippery; use care to avoid falling. Dike and contain spill with inert material (e.g., sand, earth). Transfer liquid to

containers for disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

Waste Disposal Method: Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant liquid and flush to a chemical sewer. Incinerate the solids and the contaminated diking material at a permitted facility according to local, state, and federal regulations.

Precautions to Be Taken in Handling and Storing: Keep from freezing, product may coagulate.

Section VIII. Control Measures

Respiratory Protection (Specify Type): Wear suitable respirator (MSHA/NIOSH approved or equivalent) where exposure limits are exceeded.

Ventilation: Mechanical local exhaust at point of vapor or mist release.

Protective Gloves: Impervious, neoprene, chemical resistant.

Eye Protection: Chemical splash goggles (ANSI Z-87.1 or approved equal).

Other Protective Clothing or Equipment: Eye wash facility and shower.

Work/Hygienic Practices: Remove contaminated clothing as soon as possible.

Section IX. Other Health Information

S-101 CRYSTALLINE SILICA:

This product contains crystalline silica which is known to cause cancer, respiratory disease and Silicosis if inhaled over a prolonged period of time. The International Agency for Research on Cancer (IARC) published IARC Monograph Volume 68 in June, 1997. Volume 68 reclassified crystalline silica in the form of quartz from a Group 2A probable human carcinogen to a Group 1 known human carcinogen. The NTP has concluded that "Silica, Crystalline (respirable)" may reasonably be anticipated to be a carcinogen, based on sufficient evidence for the carcinogenicity of respirable crystalline silica in experimental animals and limited evidence in humans. The OSHA PEL and MSHA exposure limit is defined as: $(10 \text{ mg/m}^3)/(\% \text{ silica}+2)$. Other Recommended Limits: "NIOSH" - The National Institute for Occupational Safety and Health (NIOSH) has established a recommended REL of 0.05 mg/m³ for respirable crystalline silica as determined by a full-shift sample for a 10-hour working day, 40-hour work week.

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