



ACRYLIC COATINGS

MATERIAL SAFETY DATA SHEET

SECTION I: PRODUCT IDENTIFICATION

Product Name: Acrylabs 3200 Series Coatings (Rust Inhibitive Primer)
Chemical Name: Acrylic Coating Solution
Date of Revision: 5/11/2005

SECTION II: COMPANY IDENTIFICATION

Address: Acrylabs, Inc.
730 Commercial Lane
Honey Brook, PA 19344

Emergency Phone Number: (610) 273-1355
Informational Phone Number: 866-273-1355

SECTION III: INGREDIENTS/CHEMICAL HAZARD DATA

<u>Ingredients</u>	<u>CAS. No.</u>	<u>% By Weight</u>	<u>ACGIH - TLV</u>	<u>OSHA - PEL</u>
			<u>(3-Hour TWA)</u>	<u>(3-Hour TWA)</u>
Carbonic acid calcium salt	471-34-1	20.0 - 30.0	10 mg/m ³	5 mg/m ³
Quartz	14808-60-7	5.0 - 10.0	0.1 mg/m ³	0.1 mg/m ³
Solvent Naptha (Petroleum), Medium Aliphatic	64742-88-7	1.0 - 5.0	100 ppm	100 ppm
Ethanol, 2- (2-butoxyethoxy)	112-34-5	1.0 - 5.0	ne	ne
Titanium Oxide	13463-67-7		10 mg/m ³	10 mg/m ³
Lead	7439-92-1	0.01 - 0.1	0.15 mg/m ³	0.05 mg/m ³
Quartz	14808-60-7	0.1 - 1.0	0.1 mg/m ³	0.1 mg/m ³
Silica	7631-86-9		10 mg/m ³	6 mg/m ³
Aluminum Hydroxide	21645-51-2		10 mg/m ³	5 mg/m ³
Iron Oxide	1309-37-1	5.0 - 10.0	5 mg/m ³	10 mg/m ³
2- Propenoic Acid, Polymer with Butyl 2-Propenoate and Ethenylbenzene	25586-20-3	10.0 - 20.0	ne	ne
Water	7732-18-5	30.0 - 40.0	ne	ne

*ne = not established

SECTION IV: PHYSICAL PROPERTIES

Description: Red liquid
State: Liquid
Flash Point: none
Weight Per Gallon: 11.29 lbs/gal
Boiling Range: 212 - 453° F
VOC: 81.58 g/L
% Volatile by Volume: 58.13
HMIS: 310

SECTION V: FIRE AND EXPLOSION DATA

Means of Extinguishing: Dry chemical or foam water fog. Carbon Dioxide.

Unusual Fire and Explosion Hazards: Vapors are heavier than air and may travel long distances to a source of ignition and flash back. Closed containers may burst if exposed to extreme heat or fire. May decompose under fire conditions, emitting irritant and/or toxic gases.

Special Firefighting Procedures: Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection and self-contained breathing apparatus. Self-contained breathing apparatus recommended.

SECTION VI: REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Elevated temperatures, contact with oxidizing agent, high concentrations of dust, freezing, sparks, open flame, ignition sources.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, acid fumes, lead oxide, toxic gases.

Hazardous Polymerization: Will not occur.

Incompatibility: Oxidizers, acids, bases. Alkalis aluminum, metals, peroxides, nitric acid, magnesium. Chlorinated rubber.

SECTION VII: HEALTH HAZARD DATA

Acute Eye: Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, blurred vision, tearing of eyes, redness of eyes, severe eye irritation or burns.

Acute Skin: Irritation of skin. Prolonged or repeated contact can cause dermatosis, defatting.

Acute Inhalation: Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, drowsiness, dizziness and/or lightheadedness, headache, nausea, coughing, difficulty with speech, central nervous system depression, anesthetic effect of narcosis, difficulty of breathing, bronchitis, pneumoconiosis.

Acute Ingestion: Ingestion may cause lung inflammation and damage due to aspiration of material into lungs, drowsiness, dizziness and/or lightheadedness, headache, uncoordination, nausea, gastro-intestinal disturbances, apathy, intoxication.

Supplemental Health Information: Other effects of overexposure may include toxicity to liver, kidney, blood. Contains a chemical that may be absorbed through skin. Excessive exposure to lead, including ingestion, can result in lead poisoning. Early symptoms are fatigue, disturbance of sleep, constipation, with more severe exposure followed by colic anemia and neuritis (nerve inflammation). Prolonged overexposure can severely damage red blood cell formation, kidneys, nervous and reproductive systems. Other symptoms include loss of appetite, metallic taste in mouth, anxiety, nausea, pallor, headache, irritability, muscle and joint pain, tremors, numbness, dizziness and hypertension. Excessive inhalation of fumes may lead to metal fume fever, characterized by a metallic taste in mouth, excessive thirst, coughing, weakness, fatigue, muscular pain, nausea, chills and fever. Notice - Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Contains crystalline silica, which

Crystalline silica is a reasonably anticipated human carcinogen.

Medical Conditions Aggravated by Exposure: Eye, skin, respiratory disorders, lung disorders, kidney disorders.

Carcinogenicity:

Ingredients	NTP	IARC	OSHA
Carbonic acid calcium salt	no	no	no
Quartz	yes	yes	no
Solvent Naptha (Petroleum), Medium	no	no	no
Ethanol, 2- (2-butoxyethoxy)	no	no	no
Titanium Oxide	no	no	no
Lead	no	yes	no
Quartz	yes	yes	no
Silica	no	no	no
Aluminum Hydroxide	no	no	no
Iron Oxide	no	no	no
2- Propenoic Acid, Polymer with	no	no	no
Water	no	no	no

SECTION VIII: FIRST AID MEASURES

Eye Exposure: Flush with a steady, gentle stream of water for a minimum of 15 minutes. If irritation or other effects persist, seek medical attention.

Skin Exposure: Flush from skin with water. Wash thoroughly with soap and water. Remove contaminated clothing. Wash contaminated clothing before reuse.

Inhalation: Move subject to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty.

Ingestion: If swallowed, obtain medical attention immediately.

SECTION IX: ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Spilled or Released: Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Place collected material into proper container. Complete personal protective equipment must be used during cleanup. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent to pick up excessive residue. Keep salvageable material and rinse water out of sewers and water courses. Small spills - use absorbent to pick up residue and dispose of properly.

SECTION X: SPECIAL PRECAUTIONS

Handling and Storage Conditions: Store below 100° F(38° C). Keep away from heat, sparks and open flames. Keep from freezing. Do not store in aluminum containers. Keep container tightly closed in a well-ventilated area.

Other: Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Contains lead. Dried film of this product may be harmful if eaten or chewed. Do not use on toys, furniture, or surfaces of other articles which might be chewed by children. Do not apply on exterior surfaces of dwelling units, such as windowsills, porches, stairs, or railings to which children may be commonly exposed. Avoid conditions which result in formation of inhalable particles, such as spraying or abrading (sanding) painted surfaces. If such conditions cannot be avoided, use appropriate respiratory protection as directed under special protection information. Empty containers may contain hazardous residues. Ground equipment when transferring to prevent accumulation of static charge.

SECTION XI: EXPOSURE CONTROLS-PERSONAL PROTECTION

Respiratory Protection: Control environmental concentrations below applicable standards. When respiratory protection is required, use only NIOSH/MSHA approved respirators in accordance with OSHA standard .29 CFR 1910.134.

Ventilation: Provide dilution ventilation or local exhaust to prevent build-up of vapors. Use explosion-proof equipment.

Personal Protective Equipment: Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing, apron.

SECTION XII: DISPOSAL CONSIDERATIONS

Procedure: Dispose of in accordance with local, state, and federal regulations. Avoid discharge to natural waters.

SECTION XIII: TRANSPORT INFORMATION

US DOT Class: Paint, not regulated by the US Department of Transportation. Keep from freezing.

Prepared by Acrylabs, Inc.- Technical Department 5/11/05

The information contained herein relates only to the specific material identified and is believed to be accurate and reliable by all those associated with Acrylabs, Inc. No representations, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information provided. Users assume all risks associated with the use of the material and are advised to confirm in advance that the information contained in this MSDS is correct, applicable, and suitable to their circumstances. In accordance with the OSHA Federal Hazard Communication Standard, the actual percentages of ingredients have been omitted.