



## Safety Data Sheet

SDS No. 9032-16

Date of Preparation: June 15, 2016

### 1. PRODUCT IDENTIFICATION

<b>Product Name:</b>	Premium Paintable Acrylic Caulk 9032-White
<b>Product Description:</b>	Acrylic Sealant
<b>Recommended Use:</b>	Adhesive
<b>Manufacturer, Importer, Supplier:</b>	Adhesive Technologies, Inc. 3 Merrill Ind. Dr. Hampton, NH 03842
<b>Phone:</b>	(603) 926-1616
<b>Fax:</b>	(603) 926-1780

### 2. HAZARD IDENTIFICATION

<p><b>Classification:</b> This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.</p> <p><b>The product contains no substances which at their given concentration, are considered to be hazardous to health.</b></p>
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### 3. COMPOSITION AND INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Weight-%
Calcium Carbonate	1313-65-3	< 55
Acrylic Emulsion	MIXTURE	< 30
Benzoate Ester	Proprietary	< 8
Titanium Dioxide	13463-67-7	< 2
Non-hazardous Ingredients*	Proprietary	< 5
Ammonium Hydroxide	7664-41-7	< 0.25
Petroleum Hydrocarbon	64742-48-9	< 0.75

- Unlabeled ingredients are not considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200). (Calcium Carbonate, Titanium Dioxide) Inhalation of particulates unlikely due to product's physical state.

#### 4. FIRST-AID MEASURES

<b>First Aid Measures:</b>	
<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Inhalation</b>	Remove to fresh air. If breathing difficult, leave area to obtain fresh air. If breathing remains difficult, get medical attention.
<b>Eye Contact</b>	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Seek immediate medical attention/advice.
<b>Ingestion</b>	Do not induce vomiting, unless directed by medical personnel. Get immediate medical attention. If vomiting occurs, keep head low so that stomach content does not get into the lungs.
<b>Skin Contact</b>	Wash off immediately with soap and water while removing all contaminated clothes and shoes. If irritation persists, seek medical attention.
<b>Most Important Symptoms and Effects, both Acute and Delayed</b>	
<b>Symptoms:</b>	Prolonged or repeated skin contact may result in dermatitis (red, dry skin). Direct contact with eyes may cause temporary irritation. Exposed individuals may experience eye tearing, redness and discomfort. Irritating to mouth, throat, and stomach if ingested. May cause gastrointestinal irritation, nausea, diarrhea, and vomiting. Overexposure to vapors during application and curing may mildly irritate respiratory tract and result in coughing and sneezing.
<b>Indication of any Immediate Medical Attention and Special Treatment Needed</b>	
<b>Note to Physicians:</b>	Provide general supportive measures and treat symptomatically. May aggravate pre-existing skin disorders.

#### 5. FIRE FIGHTING MEASURES

<b>Suitable Extinguishing Media:</b>	Carbon dioxide (CO <sub>2</sub> ). Dry chemical. Water spray (fog). Foam.
<b>Unsuitable Extinguishing Media:</b>	Not determined.
<b>Specific Hazards Arising from the Chemical:</b>	Product is combustible and may ignite if exposed to high temperature or direct flame.
<b>Hazardous Combustion Products:</b>	Carbon, titanium and iron oxides, depending upon formulation.
<b>Protective Equipment and Precautions for Firefighters.</b>	Wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use water spray to keep fire-exposed containers cool.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions, Protective Equipment and Emergency Procedures</b>	
<b>Personal Precautions:</b>	Wear protective clothing as described in Section 8 of this safety data sheet.
<b>For Emergency Responders:</b>	Restrict access to spill area.
<b>Environmental Precautions:</b>	Minimize use of water to prevent environmental contamination. Prevent spill or rinse from contaminating storm drains, sewers, soil or groundwater.
<b>Methods and Materials for Containment and Cleaning Up</b>	
<b>Methods for Containment:</b>	Prevent further leakage or spillage if safe to do so. Use absorbent material to contain spill.
<b>Methods for Cleaning Up:</b>	Sweep up absorbed material and shovel into suitable containers for disposal. Wash area with soap and water. For waste disposal, see Section 13 of the safety data sheet.

## 7. HANDLING AND STORAGE

<b>Precautions for Safe Handling:</b>	Avoid breathing vapors. Use only with adequate ventilation. Open windows and doors to ensure fresh air cross-ventilation during application and curing. Wash thoroughly with soap and water after handling. Avoid contact with skin, eyes or clothing. While handling product keep out of reach of children and pets.
<b>Conditions for Safe Storage, Including any Incompatibilities :</b>	Close container after use. Store containers away from excessive heat and freezing. Do not store at temperatures above 120°F. To maximize shelf life, store at temperatures below 80°F (26°C).
<b>Incompatible Materials:</b>	Oxidizers. Strong acids.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Guidelines:</b> Exposure guidelines / protective equipment are for routine handling and accidental spills.			
<b>Chemical Name and CAS #</b>	<b>ACGIH TLV</b>	<b>OSHA PEL</b>	<b>NIOSH IDLH</b>
Calcium Carbonate 1317-65-3	N/A	TWA: 15 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable fraction (vacated) TWA: 15 mg/m <sup>3</sup> total dust vacated) TWA: 5 mg/m <sup>3</sup> respirable fraction	TWA: 10 mg/m <sup>3</sup> total dust TWA: 5 mg/m <sup>3</sup> respirable dust
Titanium Dioxide 13463-67-7	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>

Ammonium Hydroxide 7664-41-7	STEL: 35 ppm TWA: 25ppm	TWA: 50ppm TWA: 35 mg/m <sup>3</sup> (vacated) STEL: 35ppm (vacated) STEL: 27 mg/m <sup>3</sup>	IDLH: 300ppm TWA: 25ppm TWA: 18 mg/m <sup>3</sup> STEL: 35ppm STEL: 27 mg/m <sup>3</sup>
<b>Appropriate Engineering Controls:</b>	Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the safety data sheet.		
<b>Individual Protection Measures:</b>			
<b>Eye/ Face Protection</b>	Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations and standards.		
<b>Skin and Body Protection:</b>	Skin: Wear chemical impervious gloves (eg: Nitrile or Neoprene). Use triple gloves for spill response. If necessary, refer to appropriate regulations and standards. Body: Use protection appropriate for task (eg: lab coat, coveralls, Tyvek suit). If necessary, refer to OSHA Technical Manual (Sec. VII: Personal Protection Equipment) or appropriate Standards of Canada. Use foot protection, such as described in appropriate regulations and standards.		
<b>Respiratory Protection:</b>	If mists or sprays are created, use appropriate respiratory protection. Oxygen levels below 19.5% considered IDLH by OSHA. In such instances, use full-facepiece pressure demand SCBA or a full facepiece, supplied air respirator with auxillary self-contained air supply.		
<b>General Hygiene considerations:</b>	Handle in accordance with good industrial hygiene and safety practices.		

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State:</b>	Paste
<b>Color:</b>	White
<b>Odor:</b>	Mild Acrylic
<b>Olfactory Threshold:</b>	Not Determined
<b>pH:</b>	7.0-10.0
<b>Melting Point / Freezing Point:</b>	< 0 °C / < 32°F
<b>Boiling Point / Boiling Range:</b>	Not Established
<b>Flash Point:</b>	> 93.33 °C / >200°F
<b>Evaporation Rate:</b>	Not Determined
<b>Flammability (Solid, Gas):</b>	Not Determined
<b>Upper Flammability Limit:</b>	Unknown
<b>Lower Flammability</b>	

<b>Limit:</b>	Unknown
<b>Vapor Pressure:</b>	Not Established
<b>Vapor Density (air=1):</b>	Heavier than air
<b>Specific Gravity (water=1):</b>	~1.55-1.65 @ 25° C (77° F)
<b>Water Solubility:</b>	Soluble in water
<b>Solubility in Other Solvents:</b>	Not Determined
<b>Partition Coefficient:</b>	Not Determined
<b>Autoignition:</b>	Unknown
<b>Decomposition Temperature:</b>	Not Determined
<b>Kinematic Viscosity:</b>	Not Determined
<b>Dynamic Viscosity:</b>	Not Determined
<b>Explosive Properties:</b>	Not Determined
<b>Oxidizing Properties:</b>	Not Determined
<b>VOC Content (%):</b>	< 1.5%

## 10. STABILITY AND REACTIVITY

<b>Reactivity:</b>	Cures upon contact with air.
<b>Chemical Stability:</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None under normal processing.
<b>Hazardous Polymerization:</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid:</b>	Incompatible materials. Excessive heat or cold.
<b>Incompatible Materials:</b>	Oxidizers. Strong acids.
<b>Hazardous Decomposition Products:</b>	Thermal decomposition can generate irritating dust, fumes and toxic gases (carbon, titanium, and iron oxides, depending upon formulation).

## 11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure	
<b>Inhalation:</b>	Mildly irritating to respiratory tract.
<b>Eye Contact:</b>	May cause temporary irritation on eye contact.
<b>Skin Contact:</b>	Prolonged and frequent contact may cause redness and irritation. Repeated skin contact may cause dermatitis.

<b>Ingestion:</b>	May cause gastrointestinal irritation, nausea, diarrhea, and vomiting.			
<b>Component Information:</b>				
<b>Chemical Name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>Inhalation LC50</b>	
Titanium Dioxide 13463-67-7	>10000 mg/kg (Rat)	–	–	
Ammonium Hydroxide 7664-41-7	= 350 mg/kg (Rat)	–	= 5.1 mg/L (Rat) 1 hr = 2000 ppm (Rat) 4 h	
Petroleum Hydrocarbon 64742-48-9	>5000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	–	
<b>Information on Physical, Chemical and Toxicological Effects:</b>				
<b>Symptoms:</b>	Please see section 4 of this safety data sheet.			
<b>Delayed and Immediate Effects as well as Chronic Effects from Short and Long-term Exposure:</b>				
<b>Sensitization:</b>	Not known to be human skin or respiratory sensitizers.			
<b>Carcinogenicity:</b>	The table below indicates whether each agency has listed any ingredient as a carcinogen. Titanium dioxide is a possible carcinogen when it appears as a respirable dust. Trace residual Formaldehyde present in base emulsion viewed as possible cancer hazard.			
<b>Chemical Name</b>	<b>ACGIH</b>	<b>IARC</b>	<b>NTP</b>	<b>OSHA</b>
<b>Titanium Dioxide 13463-67-7</b>	–	Group 2B	–	X
<b>IARC (International Agency for Research on Cancer) Group 2B – Possibly Carcinogenic to Humans</b>				
<b>Numerical Measures of Toxicity:</b>	Not determined.			

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	<b>Practices should be aimed at eliminating environmental contamination.</b> Product not tested for aquatic or animal toxicity. Release of product to terrestrial, atmospheric and aquatic environments should be avoided.			
<b>Chemical Name:</b>	<b>Algae/aquatic plants</b>	<b>Fish</b>	<b>Toxicity to microorganisms</b>	<b>Crustacea</b>

<b>Petroleum Hydrocarbon 64742-48-9</b>	–	2200: 96 h Pimephales promelas mg/L LC50	–	2.6: 96h Chaetogammarus marinus mg/L LC50
<b>Ammonium Hydroxide 7664-41-7</b>	–	0.44: 96 h Cyprinus carpio mg/L LC50 0.26-4.6: 96 h Lepomis macrochirus mg/L LC50 1.17: 96 h Lepomis macrochirus mg/L LC50 flow-through 0.73-2.35: 96 h Pimephales promelas mg/L LC50 5.9: 96 h Pimephales promelas mg/L LC50 static 1.5: 96 h Poecilia reticulata mg/L LC50 1.19:96 h Poecilia reticulata mg/L LC50 static	–	25.4: 48 h Daphnia magna mg/L LC50
<b>Persistence and Degradability:</b>	Not tested for persistence and biodegradability.			
<b>Bio-accumulation:</b>	Not tested for bio-accumulation potential.			
<b>Mobility:</b>	Not tested for mobility in soil.			
<b>Chemical Name</b>		<b>Partition Coefficient</b>		
Ammonium Hydroxide 7664-41-7		-1.14		
<b>Other Adverse Effects:</b>	Environmental Exposure Controls: Should be maintained so as to prevent release to the environment (atmospheric release, release to waterways and spills).			
<b>Ozone:</b>	Not expected to produce any ozone depletion.			

### 13. DISPOSAL CONSIDERATIONS

<b>Waste Treatment Methods:</b>	
<b>Disposal of Wastes:</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated Packaging:</b>	Disposal should be in accordance with regional, national and local laws and regulations.
<b>US EPA Waste Number:</b>	Not applicable.

### 14. TRANSPORT INFORMATION

<b>Note:</b>	Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.
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<b>DOT:</b>	Not regulated.
<b>IATA:</b>	Not regulated.
<b>IMDG:</b>	Not regulated.

### 15. REGULATORY INFORMATION

<b>International Inventories:</b>	Not determined.
<b>TSCA:</b>	Listed
<b>DSL:</b>	Listed
<b>NDSL:</b>	Listed

**Legend:** *TSCA – United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDSL – Canadian Domestic Substances List/Non-Domestic Substances List*  
*EINECS/ELINCS – European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*  
*ENCS – Japan Existing and New Chemical Substances*  
*IECSC – China Inventory of Existing Chemical Substances*  
*KECL – Korean Existing and Evaluated Chemical Substances*  
*PICCS – Philippines Inventory of Chemicals and Chemical Substances*

#### US Federal Regulations:

<b>SARA 313:</b>	Not determined.		
<b>Chemical Name:</b>	<b>CAS No.</b>	<b>Weight%</b>	<b>SARA 313 – Threshold Values%</b>
Ammonium Hydroxide 7664-41-7	7664-41-7	< 0.25	1.0
Acute Health Hazard:	Yes		
Chronic Health Hazard:	No		
Fire Hazard:	No		
Sudden Release of Pressure Hazard:	No		
Reactive Hazard:	No		

Chemical Name	CWA-Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	CWA – Hazardous Substances
Ammonium Hydroxide 7664-41-7	100 lb	-	-	x

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Ammonium Hydroxide 7664-41-7	100 lb	100 lb	RQ 100 lb final RQ RQ 45.4 kg final RQ

#### US State Regulations:

Chemical Name	California Proposition 65
Titanium Dioxide – 13463-67-7	Carcinogen

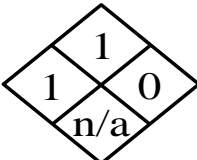
#### U.S. State Right-to-Know Regulations: Not determined.

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Calcium Carbonate 1317-65-3	x	x	x



Titanium Dioxide 13463-67-7	x	x	x
Ammonium Hydroxide 7664-41-7	x	x	x

## 16. OTHER INFORMATION

<b>NFPA Ratings:</b>	<p>Health: 1 Fire: 1 Reactivity: 0</p> <p style="text-align: center;"><b>NFPA</b></p>  <p>Hazard Scale: 0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe</p>								
<b>Special Hazards:</b>	Not determined.								
<b>HMIS:</b>	<table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;"><b>HMIS</b></td> </tr> <tr> <td style="text-align: center;">Health</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Flammability</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Physical Hazard</td> <td style="text-align: center;">0</td> </tr> </table> <p>0 = Not Significant, 1 = Slight, 2 = Moderate, 3 = High, 4 = Extreme, * = Chronic</p>	<b>HMIS</b>		Health	1	Flammability	1	Physical Hazard	0
<b>HMIS</b>									
Health	1								
Flammability	1								
Physical Hazard	0								
<b>Personal Protection:</b>	Not determined.								
<b>Disclaimer:</b>	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.								
<b>Prepared By:</b>	Dennis Fitzmeyer								