

MATERIAL/CHEMICAL SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Details

Product Name: QuickSet Acrylic Liquid

Allied Item No.: 185-10000, -10010, -10015, -10025, -10035, -10036, -10045, -10050

Chemical Name: Isobutyl Methacrylate

Company Identification

Allied High Tech Products, Inc.
2376 East Pacifica Place
Rancho Dominguez, CA 90220
(310) 635-2466

Contact Point

Transportation for United States
Chemtrec (800) 424-9300 * (202) 483-7616

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	CAS No.	Exposure Limits in Air		Carcin. Y/N
		ACGIH TLV or TWA	OSHA PEL	
Isobutyl Methacrylate <85%	97-86-9	205 mg/m ³	50 ppm	N
Trimethylolpropane Trimethacrylate <20%	3290-92-4	NE	NE	N

Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

HMIS Ratings

Health: 2
Flammability: 2
Reactivity: 2

SECTION 3: HAZARDS IDENTIFICATION

Emergency Overview: Combustible

Hazard Statement: Not listed as a carcinogen by IARC, NTP, ACIGH or OSHA.

SECTION 4: FIRST AID MEASURES

	Potential Health Effects	First Aid/ Medical Info.
Eye Contact:	May cause irritation.	Irrigate with eyewash solution or water, holding eyelids apart for at least 15 minutes. Obtain immediate medical attention.
Skin Contact:	May cause sensitization.	Remove contaminated clothing. Wash affected area with soap and water. If symptoms (irritation or blistering) occur obtain medical attention.
Inhalation:	High concentrations irritant to the respiratory tract and may lead to dizziness, headache and anesthetic effects.	Remove to fresh air. Administer oxygen if breathing difficulty. Give artificial respiration if not breathing. Seek medical attention immediately.
Ingestion:	May a burning sensation of the mouth, throat and respiratory tract and abdominal pain if swallowed.	Do NOT induce vomiting. Wash mouth with water and give half a pint of water to drink. Seek medical attention immediately.

Note:

Wash hands and face thoroughly with soap and water after use and before eating, drinking, smoking or applying cosmetics.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media: Foam, carbon dioxide, dry chemical or water.

Fire Fighting Instruction: Keep fires exposed containers cool by spraying with water. Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.

Special Hazards: Flammable. Vapors or gases may travel considerable distance to ignition source and flash back. Fine mists or sprays may be flammable at temperatures below the flash point. May polymerize on heating. Sealed containers may rupture explosively if hot.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Eliminate sources of ignition. Prevent entry into drains. Contain with absorbent material such as clay, soil or any commercially available absorbent. Shovel reclaimed liquid and absorbent into recovery or salvage drums for disposal. Do not absorb onto sawdust or other combustible materials. Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

SECTION 7: HANDLING & STORAGE	SECTION 12: ECOLOGICAL INFORMATION
<p>Handling: Avoid contact with skin and eyes. Avoid inhalation of vapors. Use only in well ventilated areas. The vapor is heavier than air; beware of pits and confined spaces. Take precautionary measures against static discharges. Observe good housekeeping practices.</p> <p>Storage: Keep only in original container. Store in cool, dry place away from heat, sparks, flame and direct sunlight (preferably cooler than 77°F). Keep container closed to prevent water absorption and contamination. Keep away from sources of ignition. Take precautionary measure against static discharges.</p>	<p>Environmental Fate & Distribution: High tonnage material produced in wholly contained systems. Liquid with high volatility. Sparingly soluble in water. Predicted to have moderate potential for bioaccumulation and moderate mobility in soil.</p> <p>This compound is slightly toxic.</p>
SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION	SECTION 13: DISPOSAL INFORMATION
<p>Engineering Measures: General and/or local exhaust ventilation to control vapor concentration.</p> <p>Respiratory Protection: Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p>Protective Gloves: PVA/Polyethylene laminate and supported PVA gloves.</p> <p>Eye Protection: Safety glasses or chemical splash goggles.</p> <p>Other: Wear suitable protective clothing.</p>	<p>Incinerate waste material according to Federal, State and Local regulations. Do not flush to surface or sanitary sewer system. Do not incinerate in closed containers.</p>
SECTION 9: PHYSICAL & CHEMICAL PROPERTIES	SECTION 14: TRANSPORT INFORMATION
<p>Appearance: Purple transparent liquid Odor: Fruity odor Solubility: 0.1 gm/100gm Boiling Point: 311°F (155°C) Melting Point: NAIF Flash Point: 120°F (49°C) Vapor Pressure: 3 mm/Hg @ 68°F (20°C) Vapor Density: 4.91 @ 60°F (16°C) Evaporation Rate: 0.5 Specific Gravity: 0.891 gr/cc Flammable Limits LEL: 1-2 Flammable Limits UEL: 7.4-8</p>	<p>DOT Shipping Name: Isobutyl Methacrylate, stabilized</p> <p>DOT Hazard Class: 3</p> <p>DOT Id Number: UN2283</p> <p>IATA Class: 3</p> <p>IMDG Class: 3.2</p>
SECTION 10: STABILITY & REACTIVITY	SECTION 15: REGULATORY INFORMATION
<p>Stability: Stable</p> <p>Conditions to Avoid/Incompatibles: Excessive heat, inadvertent addition of catalyst, storage in absence of inhibitor. Reducing and oxidizing agents. Material has strong solvent properties and can soften paint or rubber.</p> <p>Decomposition Products: Carbon monoxide, carbon dioxide and smoke.</p> <p>Hazardous Polymerization: May occur.</p>	<p>Risk Statements: R10 Flammable R36/37 - Irritating to eyes, skin and respiratory system. R43 May cause sensitization by skin contact.</p> <p>Safety Statements: S24/25 Avoid contact with skin and eyes. S37 Wear suitable gloves. S9 Keep container in well-ventilated place. S16 Keep away from sources of ignition-No Smoking.</p> <p>Canadian WHMIS Regulations: B3 Combustible liquid D2B Toxic Material, skin or eye irritant F Dangerously reactive material.</p>
SECTION 11: TOXICOLOGICAL INFORMATION	SECTION 16: OTHER INFORMATION
<p>Isobutyl Methacrylate is irritating to the skin and eyes and is a skin sensitizer in animals.</p>	<p>Legend NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p>DISCLAIMER: The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. ALLIED HIGH TECH PRODUCTS, INC. makes no warranty, either express or implied, as to its accuracy or completeness and none is made as to the fitness of this material for any purpose. The manufacturer/distributor shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.</p>

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SECTION 1: CHEMICAL PRODUCT & COMPANY IDENTIFICATION					SECTION 3: HAZARDS IDENTIFICATION																																		
<p>Product Details</p> <p>Product Name: QuickSet Acrylic Powder</p> <p>Allied Item No.: 185-10000, -10005, -10020, -10030, -10040, -10050</p> <p>Chemical Name: Acrylic Powder</p> <p>Company Identification</p> <p>Allied High Tech Products, Inc. 2376 East Pacifica Place Rancho Dominguez, CA 90220 (310) 635-2466</p> <p>Contact Point</p> <p>Transportation for United States Chemtrec (800) 424-9300 * (202) 483-7616</p>					<p><u>Hazard Statement:</u> Not listed as a carcinogen by IARC, NTP, ACIGH or OSHA.</p>																																		
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<p>SECTION 5: FIRE FIGHTING MEASURES</p> <p><u>Extinguishing Media:</u> Alcohol foam, carbon dioxide, dry chemical or water.</p> <p><u>Fire Fighting Instruction:</u> Wear full protective clothing and OSHA/NIOSH self-contained breathing apparatus with full facepiece.</p> <p><u>Special Hazards:</u> Avoid extinguishing methods, which may generate dust clouds. Water stream can disperse dust in air, producing a fire hazard and possible explosion hazard if exposed to ignition source.</p>					<p>SECTION 6: ACCIDENTAL RELEASE MEASURES</p> <p>Sweep up to avoid slipping hazard. Keep airborne particulate at a minimum when cleaning up spills.</p>																																		
<p>Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.</p>					<p>HMIS Ratings</p> <p>Health: 1 Flammability: 1 Reactivity: 0</p>																																		
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<p>SECTION 7: HANDLING & STORAGE</p>	<p>SECTION 12: ECOLOGICAL INFORMATION</p>
<p><u>Handling:</u> Avoid contact with skin and eyes. Avoid inhalation of dust. Observe good housekeeping practices.</p> <p><u>Storage:</u> Keep only in original container and store in a cool dry place. Preferably not exceeding 95°F (35°C). Keep container closed to prevent water absorption and contamination.</p>	<p><u>Aquatic Toxicity:</u> None listed.</p> <p><u>Ecological Toxicity:</u> Not known.</p>
<p>SECTION 8: EXPOSURE CONTROL & PERSONAL PROTECTION</p>	<p>SECTION 13: DISPOSAL INFORMATION</p>
<p><u>Engineering Measures:</u> Local exhaust at processing equipment.</p> <p><u>Respiratory Protection:</u> Use OSHA/NIOSH approved respiratory protection if level of air contaminants is excessive.</p> <p><u>Protective Gloves:</u> If hot plastic is handled.</p> <p><u>Eye Protection:</u> Safety glasses or chemical splash goggles.</p> <p><u>Other:</u></p>	<p>May be disposed of in landfill or incinerated. Dispose of waste material according to Federal, State and Local regulations.</p>
<p>SECTION 9: PHYSICAL & CHEMICAL PROPERTIES</p>	<p>SECTION 14: TRANSPORT INFORMATION</p>
<p>Appearance: Fine powder - clear Odor: Faint odor in bulk Solubility: Insoluble Boiling Point: NA Melting Point: NA Flash Point: 464°F (240°C) Vapor Pressure: NA Vapor Density: NA Evaporation Rate: NA Specific Gravity: 1.25 Flammable Limits LEL: NA Flammable Limits UEL: NA</p>	<p>Non-hazardous <u>Shipping Name:</u> Synthetic Gum Resin Granular, NOIBN</p>
<p>SECTION 10: STABILITY & REACTIVITY</p>	<p>SECTION 15: REGULATORY INFORMATION</p>
<p><u>Conditions to Avoid/Incompatibles:</u> Heating above 464°F (240°C). Strong oxidizing agents.</p> <p><u>Decomposition Products:</u> Methacrylate monomer and oxides of carbon when burned.</p> <p><u>Hazardous Polymerization:</u> Will not occur.</p>	<p><u>Canadian WHMIS:</u> This product has been classified in accordance with the hazardous criteria of the CPR and the MSDS.</p> <p><u>Risk Statements:</u> R36/37 - Irritating to eyes and respiratory system. R43 May cause sensitization by skin contact.</p> <p><u>Safety Statements:</u> S3 Keep in a cool place. S7/8 Keep container tightly closed and dry. S20-21 When using do not eat, drink or smoke. S22 Do not breathe dust. S24/25 Avoid contact with skin and eyes. S37/39 Wear suitable gloves and eye/face protection.</p>
<p>SECTION 11: TOXICOLOGICAL INFORMATION</p>	<p>SECTION 16: OTHER INFORMATION</p>
<p><u>Primary Routes of Entry:</u> Eyes or skin (no absorption); inhalation of dusts.</p> <p><u>Carcinogenicity:</u> None of the components of this material are listed by IARC, NTP, OSHA or ACIGH as carcinogens.</p> <p><u>Target Organs:</u> None listed.</p>	<p>Legend NAIF: No Applicable Information Found NA: Not Available/Applicable NE: None Established</p> <p>DISCLAIMER: The above information and recommendations are believed accurate and reliable. Because it is not possible to anticipate all conditions of use, additional safety precautions may be required. ALLIED HIGH TECH PRODUCTS, INC. makes no warranty, either express or implied, as to its accuracy or completeness and none is made as to the fitness of this material for any purpose. The manufacturer/distributor shall not be liable for damages to person or property resulting from its use. Nothing herein shall be construed as a recommendation for use in violation of any patent.</p>
<p>Page 2 of 2:</p>	<p>Form Prepared By: Allied High Tech Products, Inc. 11/14/2006</p>