REVISED
July 2014

Adhesive Systems, Inc.

MATERIAL SAFETY DATA SHEETS

1. CHEMICAL PRODUCT

Adhesive Systems, Inc.
9411 Corsair Road
Frankfort, IL 60423
1-800-552-0299 Phone
1-815-464-5650 Fax

EMERGENCY PHONE 1-800-255-3924

Product Name: GM 35

Technical Name: Anaerobic Adhesive

2. HAZARD IDENTIFICATION

Toxicity: Liquid and Vapors are an eye and skin irritant.
Primary Routes of Entry: None known
Signs and Symptoms of Exposure: May cause dermatitis on prolonged contact in sensitive individuals.
Existing Conditions Aggravated by Exposure: Acrylic acid: Upper respiratory and lung diseases, dermatitis

Hazard Classification
Physical Classification:
Symbol: None
Signal Word: None

Health Classification: 2
Irritant: Causes mild skin irritation

Symbol:
Signal Word: Warning

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No.	%
Aromatic dimethacrylate	24448-20-2	5-25
Alifatic methacrylate	90551-76-1	5-15
Urethane methacrylate resin	5888-33-5	30-40
Hydroxyalkyl methacrylate	27813-02-1	15-30
Acrylic acid*	79-10-7	1-3
Organic peroxide*	80-15-9	1-2
Amorphous silica	112945-52-5	6-8
Polyglycol dimethacrylate	25852-47-5	5-15

*** This component is listed as a SARA Section 313 Toxic Chemical.**
Ingredients which have exposure limits

Exposure Limits (TWA) Ingredients	ACGIH (TLV)	OSHA (PEL)	OTHER
Organic peroxide	None	None	1ppm(6mg/m3) Skin(WEEL)
Hydroxyalkyl methacrylate	None	None	1 ppm TWA 3 ppm STEL
Acrylic acid	2 ppm TWA skin 5.9 mg/m3 skin	10 ppm TWA skin 30 mg/m3 skin	1 ppm TWA skin 3 ppm STEL skin

www.comoso.com

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Does not apply
Skin Contact: Wash with soap and water.
Eye Contact: Flush at least 15 minutes with plenty of water. Obtain medical attention.

5. FIREFIGHTING MEASURES

Flash Point: More than 200°F
Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting Procedures: Not available
Hazardous Products formed by Fire or Thermal Decomp Irritating organic vapors
Unusual Fire or Explosion Hazards: None

6. ACCIDENTAL RELEASE MEASURES

Eyes: Safety glasses or goggles.
Skin: Neoprene, rubber, or butyl rubber gloves.
Ventilation: Does not apply
Respiratory: Not available
Steps to be taken in case of spill or leak: Soak up with an inert absorbent. Store in closed container until disposal.

7. HANDLING AND STORAGE

Safe Storage: Store at or below 100°F
Handling: Avoid prolonged contact with eyes and skin.

8. EXPOSURE AND PERSONAL PROTECTION

Eyes: Safety glasses or goggles.
Skin: Neoprene, rubber, or butyl rubber gloves.
Ventilation: Does not apply
Respiratory: Not available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: green liquid
Odor: Sharp, irritating
Boiling Point: More than 300°F pH:Does not apply
Solubility in Water: Slight
Specific Gravity1.1 at 25°C
Vapor Pressure: Less than 0,5 mmbar at 20°C
Vapor Density: Not available
Evaporation Rate Ether = 1)Not available

10. REACTIVITY

Stability:Stable
Hazardous Polymerization: Will not occur
Incompatibility:None
Conditions to Avoid:Not available
Hazardous Decomposition
Products (non-thermal):None

www.cogrosol.com

11. TOXICOLOGICAL INFORMATION

Estimated oral LD50 more than 5000 mg/kg.

Estimated dermal LD50 more than 2000 mg/kg.

Carcinogenicity: not available
Reproductive toxicity: not available
Germ Cell Mutagenicity: not available

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

Disposal method:

Waste Treatment methods: unavailable

Sewage Treatment methods: unavailable

Product/packaging disposal
This material must be disposed in compliance with local, state, and federal regulations.
Waste Codes: unavailable

14.TRANSPORTATION INFORMATION

D.O.T. Information
Not considered hazardous for the purposes of transportation.
IATA/ICAO: Not considered hazardous for the purposes of transportation.
IMDG: Not considered hazardous for the purposes of transportation.

15.REGULATORY INFORMATION

None

16.OTHER INFORMATION

Risk phrases:

R20 Harmful by inhalation.

R41 Risk of serious damage to eyes.

R37/38 Irritating to respiratory system and skin.
R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety phrases:

S36 Wear suitable protective clothing. S37 Wear

suitable gloves.

S39 Wear eye/face protection.

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S61 Avoid release to the environment.

Refer to special instructions/Safety data sheets.

Contains:

Acrylic acid,

Cumene hydroperoxide

Other hazards:

Non corrosive to skin in accordance with the invitro test method, B40 skin corrosion - Human skin model assay, specified in

Part B of Annex V to Directive 67/548/EEC.

HMIS	HEALTH 2	FLAMMABILITY 1	REACTIVITY 1
NFPA	HEALTH 2	FIRE HAZARD 1	REACTIVITY 1

Revised July 2014

NON-WARRANTY: Information contained herein is based on tests we believe to be reliable and accurate. It is offered in good faith for the benefit of the consumer. Adhesive Systems shall not be liable for any injury, loss, or damage in the use of its chemical products since the conditions of use are beyond our control. In every case we urge and recommend the user conduct tests to determine to their own satisfaction that the product is of acceptable quality and is suitable for their particular purpose under their own operating conditions. Statements concerning the possible use of our products are not intended as recommendations to use our products in the infringement of any patent. Because of changing reporting requirements and other variables it is impossible to guarantee the accuracy of the information contained in this document. It is the responsibility of the user to determine proper personal protection based on the actual condition of use and to comply with all Federal, State, and Local laws and regulations.

Engineering Excellence
For technical information
and support call **1-800-552-0299** or visit our website at
www.instantca.com