

MATERIAL SAFETY DATA SHEET

**Product #670
(Adhesive)**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: #670 STIK-Upp Rear View Mirror Adhesive
Date Printed: February 25, 2011
Product Use/Class: Acrylic Adhesive

Supplier: International Epoxies & Sealers
30241 Commerce Drive
San Antonio, FL 33576
Information Phone: 1-800-451-7206

Emergency Telephone: INFOTRAC 1-800-535-5053
Outside the U.S. Call collect: 1-352-323-3500

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	%	ACGIH TLV	OSHA PEL	OTHER
Polyurethane Methacrylate Resin	30-60	NONE	NONE	NONE
Hydroxyalkyl Methacrylate	30-60	NONE	NONE	NONE
High Boiling Methacrylate	5-10	NONE	NONE	NONE
Methacrylic Acid	5-10	20 ppm TWA	NONE	NONE
Silica, fumed, treated	1-3	10mg/m ³ inhalable fraction 3mg/m ³ respirable fraction, TWA	5mg/m ³ respirable dust 15mg/m ³ total dust	NONE
Tert-Butyl Peroxybenzoate	1-3	NONE	NONE	NONE
Maleic Acid	1-3	NONE	NONE	NONE

3. HAZARDOUS IDENTIFICATION

Physical State: Liquid
Color: Off White
Odor: Sharp, irritating.

HMIS: HEALTH: 2 FLAMMABILITY: 2
PHYSICAL HAZARD: 1 Personal Protection: See Section 8

DANGER: MAY CAUSE EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY BE HARMFUL IF SWALLOWED.

Routes of Entry: Skin, inhalation, eyes.

Sign/Symptoms of Exposure:

Inhalation: May cause irritation to nose and throat.

Skin Contact: May cause allergic skin reaction. May cause skin irritation.

Eye Contact: Contact with eyes will cause irritation.

Ingestion: May be harmful if swallowed.

Existing Conditions Aggravated by Exposure: Eye, skin and respiratory disorders.

4. FIRST AID MEASURES

Ingestion: Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothes and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
Eye Contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): Approximately 171 °F
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Hazardous Combustion Products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

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Unusual Fire or Explosion Hazards: None

5. FIRE FIGHTING MEASURES - Continued

Flammable/Explosive Limits-lower %: Not available
Flammable/Explosive Limits-upper%: Not available

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear proper protective equipment.
Measures for Environmental Protection: Do not allow entry into drains or surface waters.
Clean-up Measures: Remove all ignition sources. Maintain adequate ventilation. Soak up in inert absorbent and store in a partly filled closed container until disposal.

7. HANDLING AND STORAGE

Handling: Keep away from heat, spark and flame. Do not breathe mist or vapors. Avoid contact with eyes, skin and clothing.
Storage: Store away from heat, sparks, flames, or other sources of ignition. Store between 46° and 82°F unless otherwise labeled to preserve shelf life.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye/Face Protection: Safety glasses or goggles with side shields.
Skin Protection: Use rubber or plastic gloves, and protective clothing as necessary.
Respiratory Protection: Use NIOSH approved respirator if there is potential to exceed exposure limits.
Engineering Controls: Forced ventilation may be required if concentrations exceed exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Off White
Odor: Sharp, irritating
Vapor Pressure: Less than 10 mm at 80 °F
Vapor Density: Not available
Solubility In Water: Slight
Specific Gravity: 1.07
Boiling Point: >300 °F
Volatile Organic Compound Content: 53.2%
Evaporation Rate (Ether=1) Not available
pH: Does not apply

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Oxides of carbon, oxides of nitrogen. Irritating organic vapors
Incompatibility: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

Ingredients:	Literature Referenced Target Organ and Other Health Effects	Carcinogen Status		
		NTP	IARC	OSHA
Polyurethane Methacrylate Resin	No Data	NO	NO	NO
Hydroxyalkyl Methacrylate	ALG IRR	NO	NO	NO
High Boiling Methacrylate	ALG IRR	NO	NO	NO
Methacrylate Acid	ALG COR IRR	NO	NO	NO
Silica, fumed, treated	NTO	NO	NO	NO
Tert-Butyl Peroxybenzoate	CNS IRR MUT	NO	NO	NO

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Maleic Acid IRR NO NO NO

Abbreviations: ALG Allergen COR Corrosive CNS Central Nervous System MUT Mutagen NTO No Target Organs

12. ECOLOGICAL INFORMATION

Water Hazard: Do not allow entry into drains or surface waters.

13. DISPOSAL CONSIDERATIONS

Recommended Methods Of Disposal: Dispose of according to Federal, State and Local regulations.
EPA Hazardous Waste Number: Not an RCRA hazardous waste.

14. TRANSPORTATION INFORMATION

U.S. Dept. of Transportation Ground (49 CFR):
Proper Shipping Name: Unrestricted
Hazard Class or Division: None
Identification Number: None
Packaging Group: None

International Air Transportation (ICAO/IATA):
Proper Shipping Name: Unrestricted
Hazard Class or Division: None
Identification Number: None
Packaging Group: None

Water Transportation (IMO/IMDG):
Proper Shipping Name: Unrestricted
Hazard Class or Division: None
Identification Number: None
Packaging Group: None
Marine Pollutant: None

15. REGULATORY INFORMATION

U.S. Regulatory Information
TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory
CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CRF 372): None

16. OTHER INFORMATION

Prepared by: Technical Manager

DISCLAIMER: Some of the information presented is from sources other than direct test data on the product itself. The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS may not be applicable.

END OF MSDS

MATERIAL SAFETY DATA SHEET

**Product #670
(Primer/Activator)**

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: #670 STIK-UPP Rear View Mirror Primer/Activator
Date Printed: February 25, 2011
Product Use/Class: Activator

Supplier: International Epoxies & Sealers
30241 Commerce Drive
San Antonio, FL 33576
Information Phone: 1-800-451-7206

Emergency Telephone: INFOTRAC 1-800-535-5053
Outside the U.S. Call collect: 1-352-323-3500

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	%	ACGIH TLV	OSHA PEL	OTHER
Acetone	60-100	500 ppm TWA 750 ppm STEL	1000 ppm TWA 2400 mg/m ³ TWA	None
Aldehyde-amine condensation	10-30	None	None	None

3. HAZARDOUS IDENTIFICATION

Physical State: Liquid
Color: Light Yellow
Odor: Acetone

HMIS: HEALTH: 2
PHYSICAL HAZARD: 0

FLAMMABILITY: 3
Personal Protection: See Section 8

DANGER: FLAMMABLE LIQUID AND VAOPOR. CAUSES EYE AND SKIN IRRITATION. MAY CAUSE RESPIRATORY TRACT IRRITATION. HARMFUL IF SWALLOWED.

Routes of Entry: Inhalation, ingestion, contact.

Sign/Symptoms of Exposure:

Inhalation: Harmful if inhaled. Vapors and mists will irritate nose and throat and possibly eyes. May cause respiratory tract irritation. Headache, dizziness, nausea and loss of coordination are indications of excessive exposure to vapors or spray mists.

Skin Contact: Irritating to skin. Solvent action can dry and defat the skin, causing the skin to crack, leading to dermatitis.

Eye Contact: Vapors may irritate eyes. Contact with eyes will cause irritation.

Ingestion: Harmful if swallowed.

Existing Conditions Aggravated by Exposure: Eye, skin and respiratory disorders.

4. FIRST AID MEASURES

Ingestion: If conscious, drink plenty of water. Do not induce vomiting. Keep individual calm. Obtain medical attention.
Inhalation: Remove to fresh air. If symptoms persist, obtain medical attention.
Skin Contact: Wash with soap and water.
Eye Contact: Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): -17°C
Recommended Extinguishing Agents: Carbon dioxide, foam, dry chemical
Special Firefighting Procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Hazardous Combustion Products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.
Unusual Fire or Explosion Hazards: Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
Flammable/Explosive Limits-lower %: 2.6 Solvent
Flammable/Explosive Limits-upper%: 13 Solvent
Flammable/Explosive Limits-lower %: Not available
Flammable/Explosive Limits-upper%: Not available

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(Primer/Activator)**

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: Wear proper protective equipment.
Measures for Environmental Protection: Do not allow entry into drains or surface waters.
Clean-up Measures: Avoid flame and sparks. Maintain adequate ventilation. Soak up in inert absorbent and store in a closed container until disposal.

7. HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. During use and until all vapors are gone: Keep area ventilated – do not smoke; extinguish all flames, pilot lights and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition.
Storage: Store away from heat, sparks, flames, or other sources of ignition. For safe storage, store at or below 49°C (120°F).

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye/Face Protection: Safety glasses or goggles with side shields.
Skin Protection: Use rubber or plastic gloves, and protective clothing as necessary.
Respiratory Protection: Use NIOSH approved respirator if there is potential to exceed exposure limits.
Engineering Controls: Forced ventilation may be required if concentrations exceed exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Light Yellow
Odor: Acetone
Vapor Pressure: 180 mmHg at 68°F
Vapor Density: 2.0
Solubility In Water: Soluble
Specific Gravity: 0.810
Boiling Point: 133°F
Volatile Organic Compound Content: 8.39%
Evaporation Rate (Ether=1) 1.9
pH: Does not apply

10. STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur
Hazardous Decomposition Products: Oxides of carbon, oxides of nitrogen. Irritating organic vapors
Incompatibility: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

Ingredients:	Literature Referenced Target Organ and Other Health Effects	Carcinogen Status		
		NTP	IARC	OSHA
Acetone	BLO CNS IRR REP	NO	NO	NO
Aldehyde-amine condensation	No data	NO	NO	NO

Abbreviations: BLO Blood IRR Irritant REP Reproductive CNS Central Nervous System

12. ECOLOGICAL INFORMATION

Water Hazard: Do not allow entry into drains or surface waters.

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13. DISPOSAL CONSIDERATIONS

Recommended Methods Of Disposal: Dispose of according to Federal, State and Local regulations.
EPA Hazardous Waste Number: D001: Ignitable.

14. TRANSPORTATION INFORMATION

U.S. Dept. of Transportation Ground (49 CFR):

Proper Shipping Name: Acetone
Hazard Class or Division: 3
Identification Number: UN 1090
Packaging Group: II
Exceptions: Consumer Commodity ORM-D (Not more than 1 Liter)

International Air Transportation (ICAO/IATA):

Proper Shipping Name: Acetone
Hazard Class or Division: 3
Identification Number: UN 1090
Packaging Group: II
Exceptions: May Qualify as Consumer Commodity ID8000 (Not more than 500ml)

Water Transportation (IMO/IMDG):

Proper Shipping Name: Acetone
Hazard Class or Division: 3
Identification Number: UN 1090
Packaging Group: II
Marine Pollutant: None
Exceptions: Dangerous goods in limited quantities of class 3 (Not more than 1 liter)

15. REGULATORY INFORMATION

U.S. Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act I Inventory
CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372): None

16. OTHER INFORMATION

Prepared by: Technical Manager

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END OF MSDS