



1801 Morgan Street
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 Phone: (815) 968-9661
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 www.gcelectronics.com

MSDS Number: 159
 Revision Date: 1/25/2013
 Supersedes Date: 2/09/2010

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: GC Acrylic Plastic

SECTION 1- Product and Company Identification

Product Type: Specialty
 Product Name: **GC ACRYLIC PLASTIC**
 Part Number(s): **10-8665**
 Emergency Contact: **Chemtrec**
 Phone: **(800) 424-9300**

COMMON NAME (used on label) (Trade Name & Synonyms): GC Acrylic Plastic
 CAS. NUMBER: See Section 2
 CHEMICAL NAME: Acrylic Coating
 CHEMICAL FAMILY: N/A
 FORMULA: N/A

HMIS RATINGS		Minimal Hazard	0
		Slight Hazard	1
Health:	2	Moderate Hazard	2
Flammability:	4	Serious Hazard	3
Reactivity:	0	Severe Hazard	4
Personal Protection:	B	Gloves, Safety Glasses	B

SECTION 2- Hazards Identification

Principal Hazardous Component(s)

CHEMICAL AND COMMON NAME(S)	CAS. #	OSHA		VAPOR PRESSURE @ 25 DEG. C.	LEL	UEL	FLASH POINT DEG. F	APPROX WT %
		AGCIH PEL	TLV					
Acetone	67-64-1	750ppm	750ppm	185 mmHg	2.6	12.8	-4(TCC)	30 - 40
Liquefied Petroleum Gas (Propellant)	68476-85-7	1000ppm	1000ppm	3691 mmHg	2.0	10.0	-156 Est.	20 - 30
Xylene**	1330-20-7	100ppm	100ppm	10 mmHg	1.0	7.0	80(TCC)	20 - 30
Butyl Acetate	123-86-4	150ppm	150ppm	10 mmHg	1.7	9.8	81(TCC)	5 - 10
Ethyl 3-ethoxy- Propionate	763-69-9	Not Established	Not Established	1.5 mmHg	1.05	N/A	136(SCC)	<5

**NOTE: This product contains an ingredient subject to Section 313 of SARA Title III.
 N/A is not available or not applicable



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SECTION 3- PHYSICAL DATA

BOILING POINT (Deg. F): Concentrate Range: 132 - 300
SPECIFIC GRAVITY (Water = 1): Concentrate: .74
VAPOR PRESSURE (mmHg): See Section 2
PERCENT VOLATILE ORGANIC COMPOUNDS: 62%; PWMIR < 1.5.
VAPOR DENSITY (Air = 1): >1
EVAPORATION RATE (BA = 1): >1
SOLUBILITY IN WATER: Negligible
REACTIVITY IN WATER: None
APPEARANCE AND ODOR: CONCENTRATE: Clear liquid, irritating odor at high concentrations;
PROPELLANT: Colorless, odorless gas; **FINISHED PACKAGE:** Pressurized containers.

SECTION 4- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: See Section 2
FLAMMABLE LIMITS IN AIR - % BY VOLUME: See Section 2
EXTINGUISHER MEDIA: Water fog, dry chemical, carbon dioxide
AUTO-IGNITION TEMPERATURE: Unknown
SPECIAL FIRE FIGHTING PROCEDURES: Water may be used to cool closed containers to prevent pressure build-up and possible bursting when exposed to high temperatures. Firemen should wear self-contained, positive pressure, respiratory equipment.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Extremely flammable. Contents under pressure. Do not use or store near heat or ignition sources. Containers may burst at temperatures above 130 deg. F.

SECTION 5- HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section 2

SIGNS AND SYMPTOMS OF EXPOSURE:

EYE CONTACT: Contact with liquid or mist may cause irritation. Vapors may irritate eyes;
SKIN CONTACT: Prolonged contact may cause irritation, defatting of skin;
INHALATION: May cause nose and throat irritation. May cause nervous system depression characterized by the following progressive steps: Headache, dizziness, nausea, staggering gait, confusion, and unconsciousness. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. **INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS OF THE CAN MAY BE HARMFUL OR FATAL;**



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SECTION 5- HEALTH HAZARD DATA (CONTINUED)

INGESTION: Aspiration may cause rapid absorption through the lungs, which may result in systemic effects.

IMPORTANT NOTE: REPEATED AND PROLONGED OVEREXPOSURE TO SOLVENTS MAY LEAD TO PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. EYE WATERING, HEADACHES, NAUSEA, DIZZINESS AND LOSS OF COORDINATION ARE SIGNS THAT SOLVENT LEVELS ARE TOO HIGH. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. If not breathing, give mouth-to-mouth. If breathing is difficult, give oxygen. Do not give epinephrine or similar drugs. Call a physician.

EYES: Flush with water for at least 15 minutes. Get medical assistance if irritation persists.

SKIN: Wash off in flowing water or shower. Remove contaminated clothing and wash before reuse.

INGESTION: Do not induce vomiting. Call a physician immediately.

SECTION 6- REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Avoid any excessive heat, ignition sources, open flames, or other high temperatures which induce thermal decomposition.

INCOMPATIBILITY (Materials to Avoid): Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon Dioxide, Carbon Monoxide.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: Not Applicable

SECTION 7- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

SMALL SPILLS: Remove ignition sources. Mop up, wipe up, or soak up immediately. Use proper protective equipment.

LARGE SPILLS: Evacuate area. Remove ignition sources. Contain liquid; transfer to closed containers; keep out of water supplies.

WASTE DISPOSAL METHODS: Dispose in accordance with Federal, State, and Local regulations. Do not incinerate closed or empty containers.



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SECTION 8- SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH or Bureau of Mines approved organic vapor-type respirator is required in absence of proper environmental control.

VENTILATION:

LOCAL EXHAUST: To keep below TLV
MECHANICAL (General): To keep below TLV
SPECIAL: None
OTHER: None

PROTECTIVE GLOVES: Solvent resistant gloves - impervious gloves

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None reasonably foreseeable.

SECTION 9- SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN
IN HANDLING AND STORAGE:**

Do not store above 120 Deg. F. Do not use or store near any open flames or ignition sources.

OTHER PRECAUTIONS:

Extremely flammable. Do not use or store near open flames, heat, or any sources of ignition. Contents under pressure. Do not puncture or incinerate. Vapors are heavier than air and will collect in low areas.

SECTION 10- REGULATORY INFORMATION

SUBJECT TO SECTION 313 OF SARA TITLE III: Yes – Xylene = 25%

ALL CHEMICAL COMPONENTS ARE LISTED IN THE TSCA INVENTORY.

CHEMICAL LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN: NATIONAL TOXICOLOGY PROGRAM: No
I.A.R.C. MONOGRAPHS: No
OSHA: No

OSHA PERMISSIBLE EXPOSURE LIMIT: See Section 2
AGCIH THRESHOLD LIMIT VALUE: See Section 2
OTHER EXPOSURE LIMITED USED: None



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SECTION 11- TRANSPORTATION INFORMATION

TRANSPORTATION INFORMATION – DOMESTIC GROUND

Shipping Name:	Consumer Commodity
Hazard Class:	ORM-D
UN Number:	N/A
Packing Group:	N/A
Hazard Label:	None
Carton Marking:	Consumer Commodity, ORM-D

SECTION 12- DISCLAIMER

GC Electronics believes that the information contained herein is accurate and reliable as of the date of this material safety data sheet, but no representation guarantee or warranty, express or implied, is made as to the accuracy, reliability or completeness of the information. Persons receiving information are encouraged to make their own determination as to the information's suitability and completeness for their particular application. NO INFORMATION CONTAINED HEREIN CONSTITUTES A PRODUCT WARRANTY OF ANY KIND, WHETHER EXPRESS OR IMPLIED; AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED BY GC ELECTRONICS.