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MSDS Number: 104
Revision Date: 9/17/2012
Supersedes Date: 9/17/2009

MATERIAL SAFETY DATA SHEET

Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

Product Name: STRIPPING SOLUTION

SECTION 1- PRODUCT AND COMPANY IDENTIFICATION

Product Type: PC Chemical
Product Name: **Stripping Solution**
Part Number(s): 22-240

Emergency Contact: Chemtrec
Phone: (800) 424-9300

HMIS Rating			
Health	2	Least	0
Flammability	3	Slight	1
Reactivity	0	Moderate	2
Personal Protection	B	High	3
		Extreme	4
		Gloves, Safety Glasses	B

SECTION 2- HAZARDOUS INGREDIENTS

PRODUCT NAME / CHEMICAL NAME	CAS #	VAPOR PRESSURE (mm Hg) / PERCENT	TLV / PEL	UNITS / UNITS
ETHYL BENZENE	100-41-4	.1	100	PPM
ETHYL BENZENE		<9%	100	PPM
XYLENE (MIXED ISOMERS)	1330-20-7	9.0	100	PPM
XYLENE (MIXED ISOMERS)		>9%	100	PPM
N-BUTYL ACETATE URETHANE GRADE	123-86-4	8.0	150	PPM
ACETIC ACID, BUTYL ESTER		>9%	150	PPM
METHYL ETHYL KETONE	78-93-3	71.0	200	PPM
2-BUTANONE		>9%	200	PPM

SECTION 3- PHYSICAL DATA

BOILING RANGE: 175 (79 DEG C) - 290 DEG F (143 DEG C)
VAPOR DENSITY: HEAVIER THAN AIR
EVAPORATION RATE: SLOWER THAN ETHER
PERCENT VOLATILE BY VOLUME: 100%
WEIGHT/GALLON: 7.00000 LBS/GAL

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SECTION 4- FIRE AND EXPLOSION DATA

HAZARD CLASSIFICATION OSHA: FLAMMABLE LIQUID-CLASS IB
DOT: 3
FLASH POINT (TCC): > 21 DEG F (-6 DEG C)
LOWER EXPLOSION LIMIT % BY VOLUME (IN AIR): > 1.1
EXTINGUISHING MEDIA:
Carbon dioxide. Dry chemical. Alcohol-type foam. Water spray. Universal-type foam.
SPECIAL FIREFIGHTING PROCEDURES:
Use self-contained breathing apparatus. Wear full protective clothing. Use water spray to cool fire-exposed containers and structures.
UNUSUAL FIRE AND EXPLOSION HAZARDS:
Vapors form from this product and may settle in low places, travel along the ground, or move by air currents to be ignited by pilot lights, other flames, smoking, sparks, heaters, electrical equipment, static discharges, or other ignition sources at locations distant from handling point.

SECTION 5- HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE
INGESTION:
Nausea. Vomiting. Diarrhea. Pulmonary aspiration hazard if vomiting occurs.
SKIN ABSORPTION:
Irritation.
INHALATION:
Headache. Narcosis. Dizziness. Vomiting. Nausea. Drowsiness. Loss of coordination. Irritation. Loss of balance. Unconsciousness. Coma. Respiratory failure.
SKIN CONTACT:
Irritation following prolonged exposure. Defatting.
EYE CONTACT:
Severe irritation.
CHRONIC EFFECTS OF OVEREXPOSURE:
Long-term repeated exposures to high concentrations of Methyl Ethyl Ketone vapor may result in central nervous system depression and narcosis.
OTHER HEALTH HAZARDS:
None currently known.
PRIMARY ROUTE(S) OF ENTRY:
Ingestion. Skin absorption. Inhalation. Eye contact.
EMERGENCY AND FIRST AID PROCEDURES
INGESTION:
Do not induce vomiting. Call a physician. Never give anything by mouth to an unconscious person.
Do not give liquids.

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SECTION 5- HEALTH HAZARD DATA (CONTINUED)

SKIN:
Immediately wash skin with soap and plenty of water.
Remove and wash contaminated clothing promptly.
INHALATION:
If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.
EYES:
In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Call a physician.
NOTES TO PHYSICIAN:
Aspirated material may cause severe lung damage and may present a significant hazard. Stomach contents should be evacuated quickly in a manner which avoids aspiration.
There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition.

SECTION 6- REACTIVITY DATA

STABILITY:
Stable.
CONDITIONS TO AVOID:
Heat. Ignition sources. Fire.
INCOMPATABILITY:
Strong mineral acids. Strong bases. Strong oxidizing agents. Halogens.
HAZARDOUS DECOMPOSITION PRODUCTS:
Carbon monoxide. Carbon dioxide. Asphyxiants.
HAZARDOUS POLYMERIZATION:
Will not occur.
CONDITIONS TO AVOID:
None.

SECTION 7- SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Contact local authorities.
WASTE DISPOSAL:
Reclamation in accordance with all federal, state, and local regulations.
Incineration in accordance with all federal, state, and local regulations.

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SECTION 8- SAFE HANDLING AND USE INFORMATIOM

RESPIRATORY PROTECTION:
Use an appropriate NIOSH/MSHA approved respirator following manufacturer's recommendations.
VENTILATION:
Keep this product in closed equipment.
Special, local ventilation is needed at points where vapors or mists are expected to escape to the workplace air.
PROTECTIVE GLOVES:
Consult the glove manufacturer for the most appropriate glove material.
EYE PROTECTION:
Chemical safety goggles.
OTHER PROTECTIVE EQUIPMENT:
Eye bath and safety shower.

SECTION 9- SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
WARNING! Harmful, if absorbed through skin. Harmful if inhaled. Flammable.
Avoid contact with eyes, skin, and clothing. Avoid breathing vapor or mist.
Use only with adequate ventilation. Keep away from heat, sparks, and flame.
Wash thoroughly after handling. Keep container closed.
Avoid prolonged or repeated contact with skin.
Empty containers should not be exposed to fire, sparks, or flame as residual vapors may be explosive.
FOR INDUSTRY USE ONLY.
OTHER PRECAUTIONS:
A large spill could be toxic to aquatic life, avoid drainage to natural waters.
This product has a low solubility in water and will float on the surface.
Large spills should not be allowed to drain into natural waterways.
Contact lenses should not be worn.

Section 313 Supplier Notification

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 and of 40 CFR 372:

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SECTION 9- SPECIAL PRECAUTIONS (Continued)

CAS#	Chemical Name	Percent by Weight
100-41-4	ETHYL BENZENE	5.4%
1330-20-7	XYLENE (MIXED ISOMERS)	26.5%
78-93-3	2-BUTANONE (METHYL ETHYL KETONE)	46.9%

This information must be included in all MSDSs that are copied and distributed for this material.

Chemical Name and Synonyms:	N/A
DOT Shipping Name:	Flammable liquid, Class IB
DOT Hazard Class:	3
Identification Number:	UN 1993
Packaging Group:	II

This MSDS complies with 29 CFR 1910.1200 (The Hazard Communication Standard)

SECTION 10- OTHER INFORMATION

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.
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