



Material Safety Data Sheet

TG-LH-FBPE-80(B)



ISO 9001:2008
Certificate Reg : 01 100 117287
ISO14001:2004+Cor1:2009
Certificate Reg : 01 104 117287
ISO/TS 16949:2009
Certificate Reg : 01 111 117287
4

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Flexible Black Potting Epoxy TG-LH-FBPE-80 (Part B)
Use:	Flexible Black Potting Compound for potting electronic components
Manufacturer's Name:	T-Global Technology
Manufacturer's Address:	40 Centenary Business Centre Hammond House Nuneaton Warwickshire CV11 6RY United Kingdom
Emergency Telephone Number:	+44 (0) 20 8133 2062

2. HAZARD IDENTIFICATION GHS CLASSIFICATION

PHYSICAL HAZARD	<i>Not Applicable</i>
HEALTH HAZARD	
Skin irritation	Category 2
Eye irritation	Category 2
Skin sensitization	Category 1
ENVIRONMENTAL HAZARD	<i>Not Applicable</i>

LABEL ELEMENTS

SYMBOL



SIGNAL WORDS	Warning
HAZARD STATEMENT	H315 : Cause skin irritation H319 : Cause serious eyes irritation H317 : May cause allergic skin reaction

3. COMPOSITION

Chemical Name	Cas No.	Percentage	Exposure Limit
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Alkyl Amine	9046-10-0	70-90	Not established
Long Chain Alcohol	64652-45-3	10-30	Not established

4. EMERGENCY AND FIRST AID MEASURES

Eye contact:	<i>Flush with water for 15 minutes and seek medical advice if pain persists</i>
Skin contact:	<i>Wash off with soap and water</i>
Ingestion:	<i>Rinse out mouth and then drink plenty of water. Seek medical treatment.</i>
Inhalation:	<i>Remove to fresh air if effects occur. Consult a physician.</i>

5. FIRE-FIGHTING MEASURES

Extinguishing medium:	<i>Carbon dioxide, dry chemical, water jet or foam.</i>
Fire fighting instructions:	<i>Keep containers, if exposed to fire cool with water</i>
Special hazards:	<i>Carbon monoxide can be released in case of fire.</i>

6. ACCIDENTAL RELEASE MEASURES

Environmental protection:	<i>Do not allow to enter drainage system, surface or ground water. Do not allow to enter the ground or soil.</i>
Spill/Leak procedures:	<i>Absorb with sand or sawdust.</i>

7. HANDLING AND STORAGE

Handling:	<i>Prevent contact with eyes and skin. Wear goggles and rubber gloves.</i>
Storage:	<i>Store in tightly closed containers below -20°C.</i>

8. EXPOSURE CONTROL AND PERSONAL PROTECTION

Eye/skin protection:	<i>Wear safety glasses, plastic apron and rubber gloves.</i>
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Respiratory protection: *Not necessary if room is well-ventilated.*

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Pale Yellow Liquid	Flash point:	Not determined
Odour:	<i>Ammonia Like</i>	Ignition temperature:	Not determined
Solubility in water:	<i>>10%</i>	Decomposition temperature	Not determined
Boiling point:	<i>> 260^oC</i>	Viscosity, 25 ^o C:	100 cP
Vapour pressure	<i>Not known</i>	Density, 20 ^o C	0.95 g/cm ³

10. STABILITY AND REACTIVITY

Conditions to avoid:	<i>Excess heating over long periods of time degrades the resin.</i>
Incompatibles:	<i>Bases, acids, amines and oxidizing materials</i>
Decomposition products:	<i>The by-products expected in incomplete combustion are mainly phenolics, carbon monoxide, oxides of nitrogen and water</i>
Hazardous polymerization:	<i>Will not occur by itself, but masses of more than 500 grams of product plus an aliphatic amine will cause irreversible polymerization with considerable heat build-up.</i>

11. TOXICOLOGICAL INFORMATION

Toxicity data:	<i>Dermal: LD50 :4671 mg/kg (arnab rabbit)</i>
Effects of overexposure:	<i>The product has a primary irritant effect on the skin, mucous membranes, and eyes. Sensitization may occur if contact with skin is prolonged.</i>

12. ECOLOGICAL INFORMATION

Mobility and bioaccumulation:	<i>No available data</i>
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Biodegradability: *No available data.*

Aquatic toxicity: *LC50 (96h)-Fish:9mg/l
EC50 (48h)-Daphnia magna5mg/l
EC50 (72h)- Algae: 27mg/l*

13. DISPOSAL CONSIDERATIONS

Disposal should be in accordance with local, state or national legislation

14. TRANSPORT INFORMATION

<i>DOT (49 CFR 172) Domestic Ground Transport</i>	<i>Proper Shipping Name: Hazard Class or Division: Identification Number: Marine Pollutant:</i>	<i>Unrestricted Unrestricted None Non</i>
<i>IATA</i>	<i>Proper Shipping Name: Class or Division: UN or ID Number</i>	<i>Unrestricted Unrestricted None</i>

15. REGULATORY INFORMATION

Classification according The Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and Industry Code of Practice on Chemicals Classification and Hazard Communication (ICOP).

16. OTHER INFORMATION

This information is given in good faith, but no warranty, expressed or implied, is made. Please contact T-Global Technology for further information