

Product Description

SWANCOR GR1601 is an epoxy resin based on Bisphenol A type low molecular weight epoxy resin which has light color and low viscosity. As one of the standard liquid resins, **SWANCOR GR1601** can be cured with Polyamine, Polyamide, Polyamidoamine or other hardeners depending on desired properties. Besides, there are outstanding UV resistance, excellent adhesion to almost any substrate and flexibility are utilized in a wide variety of finishes and art applications.

Advantages

- Outstanding chemical resistance properties
- Good mechanical properties
- Excellent adhesion
- Good flexibility
- UV resistance

Applications

- Art Applications
- Civil Engineering

Typical properties of liquid resin

Item	Unit	GR1601-A	GR1601-B	Test Method
Appearance	NA	Light purple transparent liquid	Transparent liquid	NA
Viscosity(25°C)	cps	1500-2300	20-60	ISO 3219:1993
Density(25°C)	g/cm ³	1.10-1.20	0.90-1.00	GB/T 4472-2011
Flash Point	°C	>150	>120	25°C
Shelf Life	months	24	24	NA
Mixing Ratio	pbw	100:43±2		NA
Mixed Viscosity (25°C)	cps	450-750		ISO 3219:1993 LVT#2,60rpm
Curing Time (30°C)	mins	40±5		40g resin (Thickness 2 cm)

MATERIAL SAFETY AND HANDLING INFORMATION

SKIN CONTACT:

Thoroughly wash exposed area with soap and water immediately. Remove contaminated clothing. Launder contaminated clothing before re-use.

EYE CONTACT:

Flush with large amount of water immediately and continuously for 20 minutes, lifting upper and lower lids occasionally. Get medical attention.

The data presented herein are believed to be accurate and reliable. We require customers to inspect and test our product before use and to satisfy themselves as to contents and suitability for their specific applications. Information herein is to assist customers in determining whether our products are suitable for their applications but not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for particular purpose, nor is any protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is limited to replacement of our material and in no event shall we be liable for special, incidental or consequential damages.

SWANCOR GR1601

Epoxy Resin for Coating



上緯綠金能股份有限公司
SWANCOR REGENER CO., LTD.

INGESTION:

Do not induce vomiting. Keep person warm, quiet and get medical attention. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.

INHALATION:

If affected, remove individual to fresh air. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Keep person warm, quiet, and get medical attention.

PERSONAL PROTECTION:

Do not breathe vapors. High concentration of vapor can be hazardous. Keep out of sewers. Eliminate all sources of ignition in vicinity of spill or released vapor to avoid fire or explosion. For large spills, warn public of downwind explosion hazard. Check area with explosion meter before re-entering area. Ground and bond all containers and handling equipment.

RESIN STORAGE

Keep away from ignition sources; flames, pilot lights, electrical sparks, and sparking tools. NO SMOKING. Do not store in direct sunlight. Keep container closed when not in use. To ensure maximum stability and maintain optimum resin properties, resins should be stored in closed containers at temperatures below 25°C (77°F).

SPILLS

Eliminate all ignition sources (flares, flames, including pilot lights electrical sparks). Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at source, dike area of spill to prevent spreading, pump liquid to salvage tank. Remaining liquid may be taken up on sand, clay, earth, floor absorbent or other absorbent material and shoveled into containers.

WASTE DISPOSAL

Destroy by liquid incineration in accordance with applicable regulation. Contaminated absorbent should be disposed in accordance to government regulations.

PACKAGE

Standard packing is 220 kg steel drum and 1 ton IBC.

The data presented herein are believed to be accurate and reliable. We require customers to inspect and test our product before use and to satisfy themselves as to contents and suitability for their specific applications. Information herein is to assist customers in determining whether our products are suitable for their applications but not to be taken as a guarantee, express warranty or implied warranty of merchantability or fitness for particular purpose, nor is any protection from any law or patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is limited to replacement of our material and in no event shall we be liable for special, incidental or consequential damages.

Page : 2 / 2

Document Code :

Issue Date : 2025/06/25

Swancor Regener Co., Ltd.

No. 11, Gongye S. 6th Rd., Nantou City, Nantou County
540028, Taiwan

Tel: +886 49 225 5420 Fax: +886 49 225 1534

Regener@swancor.com

www.swancor.com