

SWANCOR RH510-ATH-P is a highly filled, pre-accelerated, recyclable radical-cured resin with high performance. It is designed for hand lay-up application with suitable reinforcements. An advantage of using SWANCOR RH510-ATH-P was that the same resin could be used throughout the construction, because of its non-formaldehyde release. SWANCOR RH510-ATH-P incorporated a selected grade of ATH which makes it suitable in production of laminates where excellent fire resistance and low level of smoke & toxic fumes (EN45545-2 R1 HL2) are required. Composite material formed by SWANCOR RH510-ATH-P could be degraded by CleaVER with suggested process in high efficiency.

Typical properties of liquid resins

Appearance	Cream-like liquid
Solid content	76.0-80.0 %
Viscosity* ¹	500-700 cps
Thixotropic index* ²	3.0-4.5
Operation time* ³	40-60 min
Shelf Life (months)	2(25°C)

*¹ LVT#63-60rpm , 25°C

*² LVT#63-6/60rpm , 25°C

*³ M402 : 1.0% , 30°C

Notice in use

1. The gel time of SWANCOR RH510-ATH-P is affected primarily by catalyst concentration and temperature. The variations of cure characteristics may be caused by the variations of catalyst, humidity, pigment, fillers and other additives. It is recommended that the fabricators check the cure characteristics with a small quantity resin before proceeding

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 RH510-ATH-P

Radical-cured Resin



上緯綠金能股份有限公司
SWANCOR REGENER CO., LTD.

for bulk production.

2. SWANCOR RH510-ATH-P is a potentially reactive chemical. Please store in dark and keep away from heat and direct sunshine.
3. Containers, not completely emptied must be closed immediately after use.

Resin Storage

Keep away from ignition source; flame, pilot light, electrical sparks, and sparking tools. Do not store in direct sunlight. NO SMOKING. Do not store in direct sunlight. Store separate from oxidizing materials, peroxides, and metal salts. Keep container closed when not in use. To ensure maximum stability and maintain optimum resin properties, resins should be stored in closed containers at temperature below 25°C. Copper or copper containing alloys should be avoided as containers.

Package

Standard packing is 20 Kg steel drum.

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 : 2019/05/16

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