

Introduction

SealXpert® Rubber Repair Liquid is two-component neoprene. It has properties of high initial bonding strength, good toughness, curing at room temperature. It can be operated under low loading within 2 hours after bonding.

Typical Applications

Designed to bond joint of fabric enforced multilayer rubber conveyor belt for metallurgy, building material, electric power, coal mine etc. industries; also can be used to bond rubber, leather, metal and ceramic to each other or to themselves.

Typical Properties of Uncured Material

	Typical value	Range
<u>Resin</u>		
Appearance	Light yellow thick liquid	
Basic material	Neoprene	
Viscosity (mPa.s) (NDJ-1A, 4# Rotor, 12rpm)	7600	3500-9500

Hardener

Appearance	Brown liquid
Basic material	Multi-Isocyanic acid ester

Typical Properties of Mixed Material

Appearance	Olivine thick liquid
Weight Ratio	A:B=10:1
Pot Life (min) (100G@25°C)	80
Minimum Curing Time before Function (h):	
50% Loading	2
100% Loading	8
Specific Gravity (g/cm ³)	0.89

Typical Properties of Cured Material

Peeling Strength (N/cm)-2h	25
-24h	45
Max. Working Temperature (°C)	80

Direction for Use

Surface Preparation:

Slice and cut the worn part at approximately 20° angle to create a trapezium shape around the damaged area. Clean the surface thoroughly with an abrasive pad and strong cleaner/ degreaser. Roughen the surfaced with a grinding wheel and then clean again until the colour of rubber substrate no longer appears on cloth.

Mixing:

Pour the hardener component to the resin container in accordance to mixing ratio of 10 : 1 and stir vigorously for 2 minutes. Ensure the products are mixed evenly.

Dispensing:

Use a brush to dispense the mixture to the depth of one-third ($\frac{1}{3}$) the depth of the trapezium. Allow the first layer of mixture to cure tack-free and apply the second layer of the mixture to two-third ($\frac{2}{3}$) the depth of the trapezium. Finally apply the final layer after the second layer of mixture has been cured tack-free.

Curing:

After the final layer has been cured, use a press roller to remove any trapped air. Allow product to cure for minimum of 2 to 3 hours before commence operation.

Safety and Handling Consideration

Keep away from children.

Flammable, keep away from fire and avoid high temperature.

It's recommended to use the product in well ventilated place.

In case of contact with eyes or skin, rinse with clean water immediately; if symptom goes on, call a physical attention.

More details, please refer to MSDS of this product

Recommended Storage:

Stored in a cool and dry location in unopened containers at 8~28°C.

Shelf life is 18 months

Disclaimer: The information contained herein is considered accurate. However, no warranty is expressed or implied regarding the accuracy of the data, the results to be obtained by the use thereof, or that any such use will not infringe any patent. Before using, user shall determine the suitability of the product for the intended use and user assumes all risk and liability whatsoever in connection therewith.