

PRODUCT DATA SHEET



Vita Liquid Polymers Ltd
Harling Road
Manchester M22 4SZ. UK
Tel: +44 161 998 3226
Fax: +44 161 946 0118

DX 9008U

Issue: 8

Date: 06.09.2019

PRODUCT DESCRIPTION:

A 2 component Polychloroprene Latex compound for coagulant dipping.

PHYSICAL APPEARANCE:

White liquid

TOTAL SOLIDS CONTENT:

54.5% - 56.5%

VISCOSITY:

ACTIVATED:

Brookfield LVT 2@60 rpm

80 – 150 cps at 20° C

UN-ACTIVATED:

Brookfield LVT 2@60 rpm

60 – 120 cps at 20° C

pH:

11.5 – 12.5

FOOD CONTACT – FDA:

When activated, leached and fully cured, **DX 9008U** is regulated in “Code of Federal Regulations 21”: - § 177.2600

PROCESSING CONDITIONS:

DX 9008U requires mixing with activator before use. Any one of the activators below can be used.

ACT 9008G (Green) – 13.2% w/w
ACT 9008N (Natural) – 12.6% w/w
ACT 9008B (Black) - 13.7% w/w
ACT 8996B – 15.8% w/w

Products made from **DX 9008** should be dried at 70 – 80° C and then cured at 120 – 130° C for 20 – 30 minutes.

STORAGE AND HANDLING:

DX 9008U should be stored in the temperature range 5 – 25°C, in sealed containers. Avoid freezing. Allow to condition to normal temperature before use and stir carefully, avoiding the inclusion of air.

In common with all rubber-based products, contamination with extremely low concentrations of copper, manganese, brass and zinc will cause rapid ageing of the rubber. In storage and processing, avoid contact with these metals, for example from application equipment, water supplies and dyestuffs.

Use the correct batch sequence, lower numbers first. All containers are marked with batch numbers for identification.

Under the above storage recommendations, **DX 9008U** should remain in good condition in sealed containers for up to 6 months.

TYPICAL PHYSICAL PROPERTIES:

Coagulant dipped film, activated with Act 9008G, leached for 16 hours, dried at 70° C for 3 hours and then cured at 130° C for 30 mins. Typical properties are:

UNAGED

Tensile strength (Mpa):	19.0
Modulus @ 300% Elongation (Mpa):	2.0
Modulus @ 500% Elongation (Mpa):	5.0
Elongation @ Break (%):	700
Tear (N/mm):	27.0
Permanent set	2%
Solvent swell in toluene	70%
Solvent swell in ASTM Oil No 1	<2%

HEALTH AND SAFETY:

Refer to Safety Data Sheet.