

## Resin HSC 7454

### (Modified Epoxy Resin)

**Product Description** HSC 7454 low viscosity modified epoxy resin for various civil applications.  
The convenient mixing ratios and low mix viscosity of HSC 7454/HSC 8230 system permits good filler loading and exhibit great mechanical properties.

**Features** The system gives superior substrate wetting, good mechanical strength and chemical resistance with enhancement in bonding strength. The system has less toughness compared to HSC 7450.

**Applications**

- Flooring primer and screed applications,
- maintenance of old civil structures and injection grouting.

### Product Specifications

Properties	Units	Reference Standard	Value
Appearance	Visual	HTP-1	Clear Liquid
Color	Gardener	ASTM D1544	500-800
Viscosity @ 25°C	mPas	ASTM D2196	Max 1
EEW	g/ Eq	ASTM D1652	190-210
AHEW	NA	NA	NA

HTP: HSCL Testing Procedure  
NA: Not Applicable

### Processing and Storage

**Packaging** HSC 7454 is available in 110 kg and 30 HDPE carboys, 5 kg can, 1 kg bottles.

**Safety & Handling** Following instructions needs to be followed strictly.  
Keep working conditions clean. Allow fresh air in, if possible, provide ventilator. Avoid contact with human body directly, wear gloves and other personal protective equipment especially dust masks or respirators. Wash hands carefully with soap. If possible, wash with acetone and alcohol first, then soap and water. In case of eye contact, wash with running water for 15 minutes and then seek medical treatment.

Refer MSDS for better instruction on Safety & Handling.

**Storage  
Conditions**

Part A & B should be stored away from light & heat. Partly emptied containers should be tightly closed immediately after use to avoid exposure to light. For information on waste disposal and hazardous products of decomposition in the event of a fire, refer to the Material Safety Data Sheets (MSDS) for these particular products. The shelf life is 24 months for HSC 7454.

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**Disclaimer**

All recommendations for use of our products, whether given by us in writing, verbally or to be implied from results of tests carried out by us are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility. Therefore, the Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

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