



## Product Description

ELITE-J4200 is a methacrylate-based structural adhesive designed for bonding engineered thermoplastics, thermosets, composites, nylon, e-coat and metal together in any combination.

ELITE-J4200 forms tough, durable bonds to many diverse substrates without surface cleaning, sanding or chemical wipes. ELITE-J4200 has exceptional durability and environmental resistance.

## Physical Properties

### Liquid

Base Compound	Modified Acrylic
Appearance	Milky white
Viscosity (cPs @ 68°F)	28,000 cPs
Flash Point (COC)	51°F
Shelf Life @40°F	6 months unopened
Toxicity	Low to moderate, See msds
Mix ratio	1:1
Gel time	10-12 minutes
Fixture Time	18-20 minutes

### Solid

Shore D Hardness	65-70
Tensile Shear Strength	4500 psi on steel
Thermal Service Range	-40°F to 250°F
Chemical Resistance	Very Good

## General Instructions

ELITE-J4200 is a 1:1 meter-mix product for ease of application. Because of its excellent adhesion properties it can be used on as received metal surfaces including aluminum, stainless and plated steels and forms tough, high strength bonds without surface preparation

## Storage

Product should be stored in a cool dry place out of direct sunlight. Shelf life of this product is six month in original sealed container. Shelf life can be extended by refrigeration. Do not freeze.

## **For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS)**

### NOTE

The data contained herein are furnished for information only and are believed to be reliable. ELITE(HK)CO.,LTD cannot assume responsibility for the results obtained by others over whose method ELITE(HK)CO.,LTD does not control. It is the user's responsibility to determine suitability for the product or of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing,

**ELITE(HK)CO.,LTD specifically disclaims all warranties of merchantability or fitness for a particular purpose arising from sale or use of ELITE(HK)CO.,LTD products. ELITE(HK)CO.,LTD specifically disclaims any liability for consequential or incidental damages of any kind, including loss of profits.**

The discussion herein of various processes or compositions is not intended to be interpreted as representation that they are free from domination of patents owned by others or as a license under any ELITE(HK)CO.,LTD patents which may cover such processes or compositions. We recommend that each prospective user test the proposed application to determine its suitability for the purpose intended prior to incorporating any product or application in its manufacturing process using the data as a guide.