

# **STARGLUE-R242**

## **Heat and fire resistance Insulation Adhesive**

### **DESCRIPTION**

**STARGLUE-R242** is inflammable, heat resistant, one component adhesive purely on POLYCHLOROPRENE with special resins, tackifier and additives. It is specially developed for Nitral ,EPDM rubber closed cell and PE Cross Link foam Insulation system.

### **PROPERTIES**

**STARGLUE-R242** has correct balance of wet and dry tack with smooth flow properties and uniform and fast drying characteristics.

**STARGLUE-R242** is having very good heat and fire retardant properties and it is completely fire resistance in cured form.

### **APPLICATION**

**STARGLUE-R242** has excellent adhesion and good compatibility with closed cell Nitral rubber, EPDM and PE crosslink foam insulation with range of metal substrate and non metal surfaces.

### **USES**

Used for Air Duct insulation, Pipe sections, slabs, under deck (metal sealing) etc.

### **DIRECTION OF USE**

Before applying, the surface should be prepared clean and even, free from dust loose shavings, oil and grease.

Apply **STARGLUE-R242** on both surfaces, either with brush or pressure feeding equipment to a uniform coat.

Allow 10-20 minutes to evaporate the complete solvent, and then assemble the surface by applying normal hand pressure to give strong bond.

### **OPEN TIME**

open time varies for surface from 10 minutes to 25 minutes depending on thickness of layers of adhesive, substrate type, moisture and temperature.

### **COVERAGE**

The wet coverage of **STARGLUE R-242** is 6 to 8 m<sup>2</sup> /kg subjected to the applied film thickness. The recommended film thickness is 100 to 120 mic. To get proper coverage, please always keep close the container's spout to prevent the solvent evaporation.

### **CAUTION**

Adequate ventilation must be maintained, particularly in confined spaces. Due to volatile in nature of solvent, keep away from source of ignition such as pilot lights or sparks. Prohibition of smoking must be rigidly enforced in the vicinity of use. Do not open lid of container use spout only, to prevent and minimize the evaporation.

### **STORAGE & SHELF LIFE**

Store under cover, protect from direct sunlight and high temperature (>25°C). Shelf life is up to 12 months in unopened container when stored as directed.

Failure to comply with the recommended storage conditions may result in premature

deterioration of the product or packaging.  
Please follow the petroleum regulation and law  
of the land.

#### CLEANING

Clean all the tools with aromatic solvent.

#### PACKING

**STARGLUE R-242** is available in 25 liter and 30 liter  
Spouted Metal Pail

#### HEALTH & SAFETY

As with all chemicals, caution should always be exercised. Protective clothing such as gloves and goggles should be worn.

**INHALATION:** Inhalation of vapor or mist should be avoided. Symptoms include coughing, wheezing, laryngitis, and shortness of breath, headache, nausea, and vomiting. Immediately shift victim to fresh air, and, if needed immediately start artificial respiration. Give oxygen if breathing is labored. Get emergency medical help.

**EYE CONTACT:** Flush eyes with water for 15 minutes and call for medical help.

**INGESTION:** causes nausea, vomiting, and loss of consciousness. If accidentally swallowed do not induce vomiting rather call for medical help immediately.

**SKIN CONTACT:** Flush with water or soap and water until all traces have been removed. Seek medical attention if required.

#### WARRANTY

*All information is given in good faith on the result gained from experience and test. However, all recommendation or suggestions are made without guarantee, since manufacturer does not have any control on site conditions and its uses.*

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#### TECHNICAL DATA

|                     |                                 |
|---------------------|---------------------------------|
| Base                | CR                              |
| No. of component    | One                             |
| Color               | Black/ Yellow pale/ Brown       |
| Solid               | 24%                             |
| Viscosity           | 8000 cps (brook field)          |
| Density             | 0.82+-0.02                      |
| Service Temp.       | -20° C to + 120° C              |
| Flash Point         | 22° C                           |
| Water Resistance    | Excellent                       |
| Chemical resistance | Good                            |
| Application tools   | Brush, Roller and Airless spray |
| Solubility          | Hydrocarbon                     |

