



STARFIX DG-CA-22

(PIR & PU Foam Duct Adhesives)

DESCRIPTION:

STARFIX DG-CA-22 is inflammable, one component adhesive based on poly-chloroprene with special tackifier and additives. It is specially developed for polyurethane and polyisocyanurate (PIR) foam in air duct system. It is very good in film forming nature which gives uniform bonding to most of substrate.

USES

STARFIX DG-CA-22 is used in PIR & PU foams panel for pre-insulated air duct. **CA-22** can also be used for most of porous and non-porous surfaces.

ADVANTAGES

- Excellent bonding with PIR v/s PIR & PU v/s PU.
- Excellent film forming nature.
- Water resistant.
- Excellent heat resistance.
- Chemical resistance.
- Suitable to middle east climatic conditions.
- Very easy to apply.
- Economical.

SURFACE PREPARATION

The surface should be clean, dry and free from oil, grease and loose particles.

STORAGE & SHELF LIFE

Store under cover, protect from direct sunlight and high temperature (>25⁰C). Shelf life is up to 12 months in an unopened container when stored as directed.

For PIR & PU panel, make even and sharp surface for proper bonding.

METHOD OF APPLICATION

Apply **STARFIX DG-CA-22** with brush, or pressure feeding equipment evenly on both surfaces, wait until solvent is fully evaporated. After the evaporation of solvent in adhesive, assemble the surface by applying normal hand pressure.

OPEN TIME

5 to 15 minutes depending upon applied film thickness and substrate.

COVERAGE

The wet coverage of **STARFIX DG-CA-22** is 3 to 5 m²/kg subjected to the applied film thickness. The recommended wet film thickness is 100 to 130 mic. To get proper coverage always keep the container's spout closed 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.

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

STARFIX DG-CA-22 is available in 15 liters 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. If inhaled 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.

TECHNICAL DATA

| | |
|---|---|
| Base | Aromatic CR |
| No. of component | One |
| Color | Yellow |
| Solid % | 24 ± 5 |
| Viscosity (Brookfield) @ 25°C, S6, rpm 20 | 5000-15000 cps |
| Density | 0.85 ± 0.10 |
| Service Temp. | -20 ⁰ C to + 96 ⁰ C |
| Flash Point | Below 10°C |
| Water Resistance | Excellent |
| Chemical resistance | Good |
| Solubility | Hydro Carbon |

WARRANTY

The information given is based on our knowledge and performance of the material. Every precaution is taken in the manufacture of the product and responsibility is limited to the quality of supplies with no guarantee of results in the field, as manufacturer has no control over site conditions or execution of work.

Star Adhesive & Resin Ind. Factory

