



DEU DUCT GLUE 81-10

(Synthetic Rubber Based Duct Adhesive)

DESCRIPTION

DuctGlue 81-10 is inflammable, single component adhesive based on synthetic modified rubber with special tackyfier and additives. It is specially developed for porous and non-porous substrate in humid and hot climatic conditions. It has very good wet tack , cohesive and bonding strength .

USES

DuctGlue 81-10 can be used in application where fibrous glass wool or similar insulation are bonded to the interior or exterior of metal duct.

ADVANTAGES

- Excellent bonding to most of porous and non-porous surfaces.
- Water resistant.
- Chemical resistant.
- 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.

METHOD OF APPLICATION

Apply **DuctGlue 81-10** with brush, roller 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.

In case of fibrous wool, apply **DuctGlue 81-10** evenly by brush or any suitable

equipment over the GI sheet and wait for 5 to10 minutes before bonding the glass wool.

OPEN TIME

10 to 20 minutes depending upon applied film thickness and substrate.

COVERAGE

The wet coverage of **DuctGlue 81-10** is 6 to 8 m² /kg subjected to type of surface and nature of material being bonded. 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. To prevent and minimize the evaporation of solvent, use spout only instead of opening the lid of container.

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.

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

DuctGlue 81-10 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.

WARRANTY

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.

TECHNICAL DATA

Base	Synthetic modified rubber
No. of component	Single
Color	Green / Transparent Yellow and Amber Red
Solid %	20 ± 5
Consistency	Flow able liquid
Viscosity (Brookfield) @ 25°C, S6, rpm 20	1000 to 8000 cps
Density	0.85 ±0.10
Service Temp.	-25 ⁰ C to + 90 ⁰ C
Flash Point	Below 10°C
Water Resistance	Excellent
Chemical resistance	Good
Solubility	Hydro Carbon