

TECHNICAL DATA SHEET **(AEROFOAM NBR GLUE 52-10)**

Description: Aerofoam NBR Glue 52-10 is inflammable, heat resistant, one component adhesive. It is specially developed for Nitrile rubber, closed cell elastomeric foam Insulation system.

Application: has excellent adhesion and good compatibility with closed cell Nitrile rubber foam insulation with a range of metal substrate.

Features:

- 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 Preparations: The surface should be structurally sound, cleans, dry, leveled and free from dust, curing compound grease and other loose debris according to BS 8203.

Application Procedure: Apply Aerofoam NBR Glue 52-10 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 Aerofoam NBR Glue 52-10 evenly by brush or any suitable equipment over the GI sheet and wait for 5 to 10 minutes before bonding the glass wool.

Exposure Time: 10 to 25 minutes depending upon applied film thickness and substrate.

Coverage: The wet coverage of Aerofoam NBR Glue 52-10 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.

TYPICAL PHYSICAL PROPERTIES	
Base	Synthetic rubber
No. of component	Single
Color	Black
Solid %	20 ± 5
Consistency	Flow able liquid
Viscosity (Brookfield)	@ 25°C, S6, rpm 20 2000 to 10000 cps
Density	0.82 ±0.10
Service Temp.	-20 C to + 120 C
Flash Point	Below 10°C
Water Resistance	Excellent
Chemical resistance	Good
Solubility	Hydro Carbon

Storage: Store under cover, protect from direct sunlight and high temperature (>25C). 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.

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.

Precaution: Please refer to the appropriate material data sheet (MSDS) prior to using this product.

FOR INDUSTRIAL USE ONLY.