PUR Cleaner AV-125

Application Areas:

PUR Cleaner AV-125 is a modified active wax that reacts with PUR hot melt adhesives, causing them to lose their tackiness and become easier to clean. AV-125 is primarily used for cleaning metal rollers, rubber rollers in PUR adhesive application systems, and coating doctor blades.

Technical Parameters:

Melting Temperature:	60–65°C
Operating Temperature:	100–150°C
Viscosity after melted:	1.2cp at 120°C
Flash point temperature:	160°C
Color after melting to liquid:	Transparent

Features and Usage:

1. At room temperature, this product is an odorless white granular solid. Skin contact poses no harm to humans.
2. Primarily used for cleaning equipment and tools contaminated with PUR hot melt adhesive. Ensure both the PUR adhesive and this cleaner are in a heated, molten state during cleaning.
3. When cleaning PUR hot melt adhesive with this product, it is recommended to melt it first at 100- 150°C. Upon contact, the cleaner undergoes a specific chemical reaction that reduces the PUR adhesive's activity and lowers its adhesion to the cleaned object, making it easier to remove from surfaces. To facilitate removal, determine the appropriate cleaning agent quantity based on the amount of residual PUR hot melt adhesive. Allow sufficient contact time between the melted, transparent cleaning agent and the PUR adhesive before removal.
5. Higher operating temperatures during cleaning enhance the chemical reaction between the cleaning agent and PUR hot melt adhesive, improving cleaning effectiveness. At relatively lower temperatures, extend the contact time between the cleaner and the residual PUR hot melt adhesive.
6. Due to the high temperatures involved in the heating cleaning process, wear appropriate protective equipment to prevent scalding accidents.

Cleaning method:

It is recommended to heat the cleaning agent to 100-150℃. First, try to remove the residual PUR glue on the surface of the component to be cleaned. After the cleaning agent is completely dissolved, heat it up to the set operating temperature, then immerse the component to be cleaned in the cleaning agent for about 10 minutes. Start to use a metal brush or fabric brush to wipe off the PUR glue on the surface of the component. Then, put the metal parts into hot water above 80℃.

While soaking, use a cloth brush to wipe off the remaining cleaning agent on the surface. Take them out and wipe dry the water and cleaning agent on the surface.

Repeated use suggestion:

During the cleaning process, the cleaning agent container needs to be heated to maintain the temperature. After each cleaning is complete, turn off the heating. The cleaning agent will cool and solidify. For the next use, it needs to be reheated to the cleaning temperature before use. When more and more PUR glue is mixed into the cleaning agent, the viscosity of the cleaning agent will increase. When the cleaning agent becomes very thick or very dirty in the molten state, it needs to be discarded and a brand new cleaning agent should be used. When the cleaning agent needs to be replaced is determined by the user based on the condition of the cleaning agent and the cleaning effect.

Packaging & Shelf Life:

Available in 20 kg/bag with indefinite shelf life.

Precautions:

Despite operating within specified temperatures, odor-emitting gases are released during hot melt adhesive melting. Prolonged exposure at these temperatures may produce harmful decomposition products. Implement adequate ventilation measures, such as installing exhaust or ventilation systems.