

# ADHESIVES



Adhesives are a group of substances, such as cement, glue, mucilage, and paste that are capable of holding materials together by surface attachment. Adhesives are made from many different basic materials, among them dextrin, latex, silicones, liquid rubber, resin, sodium silicate, and starch. Adhesives are used in the manufacture of cardboard boxes, plywood, furniture, paper bags, pressure sensitive tapes and many industries including automotive, printing, manufacturing, etc.

## ADHESIVE APPLICATIONS:

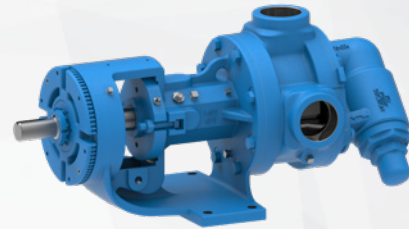
- Manufacturing and packaging adhesives (e.g. PVAc, polyurethanes, epoxy resins)
- Transfer from onsite blending (e.g. starch kitchen) to application and return
- Metering onto items to be bonded

## VIKING IN THE PROCESS:

Adhesives is a broad category covering many materials, presenting unique challenges for which Viking Pump has proven solutions. They may range in viscosity from water thin solvents to extremely viscous polymers. Some are shear sensitive and require larger pumps operating at slow speeds, and some require double seals with barrier fluid or magnetic drives to prevent air or humidity contact at seal faces which can cause sticking or crystallization. Viking's O-Pro™ seal provides a lower-cost solution with grease barrier between dual dynamic O-rings to prevent air infiltration at the seal.

## SUGGESTED PUMPS:

### 1124A SERIES™



- Cast Iron
- Abrasive resistant sealing option
- Hardened iron bushings & hardened steel shaft
- Capacities to 400 GPM

### 4124B SERIES™



- Cast Iron
- High viscosity sealing options
- Capacities to 500 GPM

### 8124A SERIES™



- Cast Iron
- Sealless mag drive design
- Capacities to 500 GPM



## INTERESTED IN A PRODUCT?

Contact your stocking distributor today!