www.lmkthermosafe.co.uk
www.inteliheat.com

THERMOSAFE LTD
Industrial Heating Technology
for drums IBCs totes & containers

Tel: +44 (0)1440 707141
sales@drumheating.com

9/10 Moonhall Business Park
Haverhill, Suffolk CB9 7AA England

THERMOSAFE® replaces steam box in Resins/Latex Manufacturer

Project Review:
Company: Eliokem, Akron, Ohio USA
Product heated: Soap ingredients

ELIOKEM Materials & Concepts LET'S SHARE THE FUTURE

Requirement:
To improve efficiency, reduce energy use, and enhance personnel safety whilst improving the operating environment.



The original method of heating was to place the drums into a steam heated water bath. This was noisy, unsightly, and created a hot and undesirable area in the factory. There were safety risks as the operator had to reach over the tub to move drums in and out. The chance of a drum falling into the hot water and splashing an operator was a concern.



After a highly successful trial with a single Type "A" THERMOSAFE Induction Drum Heater and BF400 power controller, the Company purchased 8 sets to replace the hot box. Drums of soap with typically 150°F (65°C) melt temperatures would previously take 8 – 12 hours to melt, and sometimes the entire tub would be used for one drum.

With the new THERMOSAFE units, at just 60% of their maximum power level this was reduced to 6 to 8 hours. Substantial steam savings have been realised, and energy efficiency is further improved as drums are just individually heated as required.

Eliokem were so delighted with the overall performance of the heaters that when a new material was introduced into production with a higher melt temperature, a quantity of FARATHERM Induction Base Heaters were purchased to further improve heating cycle times.

Registered in England No. 3959310
VAT No. GB 759 6388 64