

**Pluss Advanced Technologies B.V.**

Helftheuvelweg 11  
5222 AV 's-Hertogenbosch  
The Netherlands  
+31 (0) 85 06 04 828  
pcm@plussat.eu  
www.plussat.eu

**PLUSS**<sup>®</sup>  
TECHNOLOGY FOR  
A BETTER WORLD

*PRESS RELEASE - FOR IMMEDIATE RELEASE: 4 APRIL 2024*

# **New Form-Stable 2°C To 8°C Phase Change Material Launched At LogiPharma 2024**

*A leak-free WHO PQS complaint PCM that can be moulded into any shape.*

## **FORM-STABLE PCM: ADVANCING PHARMACEUTICAL LOGISTICS**

**'s-Hertogenbosch, The Netherlands, April 4th** – Pluss Advanced Technology, a pioneer in Phase Change Materials & Specialty Polymers, proudly announces the launch of its groundbreaking Form-Stable PCM at LogiPharma 2024. This innovative Organic 2°C to 8°C PCM represents a significant advancement in pharmaceutical logistics, offering unparalleled versatility and product safety.

## **ADDRESSING CHALLENGES WITH INNOVATIVE SOLUTIONS**

Traditionally, Organic PCMs ranging from 2°C to 8°C have been integral to box and pallet shipper solutions. However, these solutions have encountered challenges, particularly regarding environmental safety, leakage and migration issues. Conventional PCM formulations often migrate through HDPE bottles and packaging foils. Thereby, posing potential harm to either the pharmaceuticals it needs to protect, to the environment or to people in rural areas where accidental ingestion is a concern.

In response to these challenges, Pluss embarked on a mission to develop a solution that not only mitigates environmental risks but also enhances operational efficiency. The result is the new *save*<sup>®</sup> FS03 & FS05 PCM, which encapsulates PCM within a specialized polymer matrix, ensuring leak-free performance and environmental safety. Moreover, this innovative PCM can be moulded into various shapes and sizes, offering unparalleled flexibility for pharmaceutical logistics applications.

## **KEY FEATURES OF *save*<sup>®</sup> FS03 & FS05:**

- The composition of Form-Stable PCM enables molding into various shapes, including ultra-thin profiles as slim as 5mm
- Zero sagging in the "liquid phase" even when positioned vertically, ensuring consistent performance.
- Maintains latent heat and improves thermal conductivity for optimal temperature control during transit.
- Designed to meet WHO PQS standards, attests to product reliability and adherence to stringent safety standards.

## **ABOUT PLUS ADVANCED TECHNOLOGIES:**

Plus Advanced Technologies is a leading innovator, specializing in Phase Change Materials and Specialty Polymers. With a commitment to excellence and sustainability, we continuously push the boundaries of technological advancement to create sustainable solutions that meet the evolving needs of our global clientele.

## **EXPERIENCE THE FUTURE OF PCM IN PHARMACEUTICAL LOGISTICS**

Visit Booth Number 27 at LogiPharma in Lyon from April 16th to 18th to witness firsthand the transformative capabilities of savE® FS03 & FS05 PCM. Engage with our experts, explore real-life samples, and discover how Plus is revolutionizing the landscape of pharmaceutical cold chain logistics.

## **FOR FURTHER INFORMATION PLEASE CONTACT:**

Joris de Luij via email at [joris@plussat.eu](mailto:joris@plussat.eu) or by calling +31 (0) 85 06 04 828