SPECIALIST TECHNICAL PRODUCTS LTD

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Environmental Policy of Specialist Technical Products (STP)

At Specialist Technical Products (STP), we are committed to maintaining and enhancing our environmental responsibility throughout all aspects of our operations. With over twenty years of experience in producing sealant and adhesive tapes, we have continually evolved our practices in response to industry changes, customer demands and environmental considerations. Our dedication to innovation, sustainability and efficiency shapes our mission to be an environmentally conscious manufacturer.

Commitment to Sustainability

We prioritize sustainable practices in our operations, aiming to reduce our environmental footprint while maintaining high product standards. Through continuous innovation, we have developed environmentally sustainable, safe, and effective sealant systems. This is achieved through responsible formulation development, selecting raw materials with minimal environmental impact and focusing on energy and resource efficiency across all stages of production.

Raw Material Sourcing

We select all raw materials from reputable and responsible sources. Most of the ingredients in our tapes are naturally occurring minerals. For non-mineral components, we apply a strict selection process based on performance, safety, and environmental impact. Our primary polymer supplier is committed to reducing CO2 emissions, with biomass-based monomers that generate 85% less CO2 than traditional oil-based systems. We also offer systems derived entirely from biomass monomers upon request.

Energy Efficiency and Carbon Reduction

We are committed to reducing our energy consumption and carbon emissions. Since 2017, we have reduced electricity consumption per kilogram of product by 54.9% during the initial mixing process, leading to an annual carbon offset of approximately 10 tonnes. We have also invested in advanced equipment, such as a new mix-extruder that utilizes our new closed-loop water cooling chiller.

As part of our ongoing sustainability efforts, we have installed a solar panel farm on our roof, expected to offset over 30 tonnes of carbon annually.

Waste Reduction

Our commitment to reducing waste is evident in our continuous efforts to minimize unusable product. We have reduced our waste production by over 15%, saving 12 tonnes of paper and

more than 20 tonnes of product from ending up in landfills. Our closed-loop cooling system, heat recovery processes and optimized water usage have contributed to a 30% reduction in water consumption. In 2022, we operated for a full year without utilizing our automated chilling plant.

Environmental
We believe in being responsible for the environment beyond STP. We have actively contributed to environmental restoration by planting over 1600 saplings in North Wales. We will continue to invest in tree planting initiatives in the future, further supporting biodiversity.

Ongoing Commitment to Excellence
STP not only produces one of the most effective and sustainable non-setting sealants in the world but is also committed to improving our environmental performance in all aspects of manufacturing. Our processes are continuously reviewed to ensure they are efficient, sustainable and aligned with the changing demands of socially responsible business practices.

We will continue to prioritize environmentally responsible practices in product sourcing, manufacturing, innovation and we will work closely with our suppliers, customers and shareholders to adopt a greener, more sustainable future.

Signed,
Nick Wilcock

Business Development Manager
Specialist Technical Products

This policy highlights our ongoing efforts to improve the sustainability of our operations and reflects our commitment to reducing our environmental impact in every aspect of our business.