

# SILICONES IN THE EUROPEAN INDUSTRIAL ECOSYSTEM

Silicone monomers D4, D5, D6 are the key building blocks to create silicone polymers. Silicone polymers provide solutions that are crucial in the achievement of the EU's strategic objectives. They are a key enabler of the European Green Deal, supporting sustainable mobility, via their applications in batteries and electric vehicles, and the deployment of renewable energy sources, such as wind, solar and hydrogen. Silicones also contribute to the EU's Strategic Autonomy, fostering Europe's industrial competitiveness. They are vital in critical value chains such as those for semiconductors, optic fibres and space and defence technologies, such as satellites, drones, airplanes. They also play a key role in the healthcare sector due to their biological compatibility. Unconstrained transport of silicone monomers (D4, D5 and D6) is key for the production of silicone polymers which enable among others the below highlighted strategic applications.

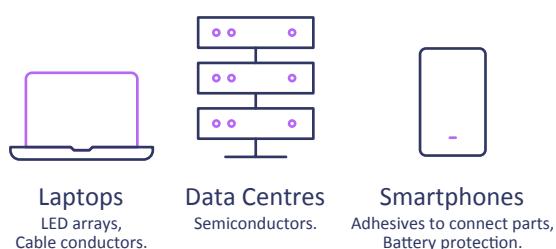
## RENEWABLE ENERGY



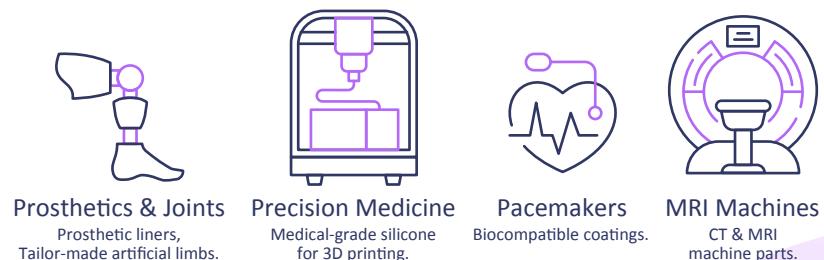
## SUSTAINABLE MOBILITY



## DIGITAL & ELECTRONICS



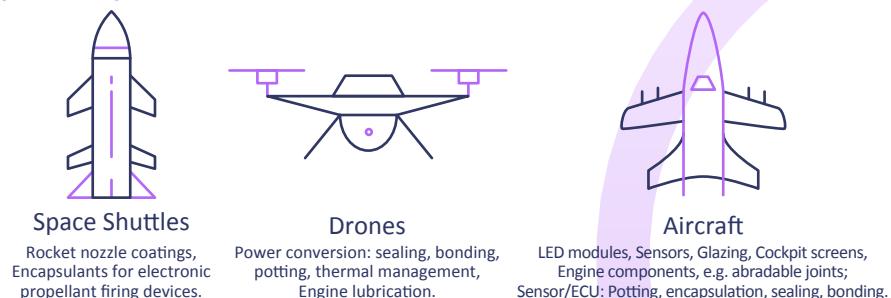
## HEALTHCARE



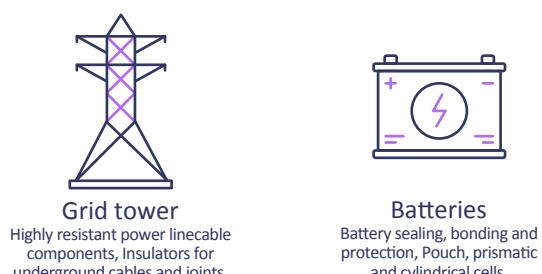
## CONSTRUCTION



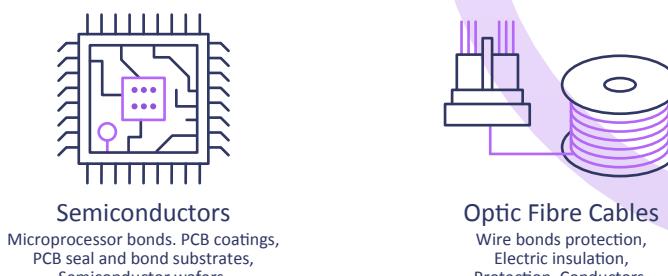
## AEROSPACE & DEFENCE



## BATTERIES AND GRID TECHNOLOGIES



## CRUCIAL DIRECT USES OF SILICONE MONOMERS



## Contact

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