Sr. No.	481
Name of Technology	**Ultra-high adhesion nanofeatured surfaces**
Sector	**ENVIRONMENTAL BIOTECHNOLOGY**
Sub-sector	**Pollution Management**
Keywords	**Nanofabricated master patterns, ultra-high adhesion nanofeatured surfaces, polymers by hot embossing**
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Description	Industrial development and health uses. Development of ultra low and ultra high adhesion surfaces on a wide variety of materials with specific concentration on the biomedical device industry. Could have effects on improving the environment, in developing better systems for waste water treatment and improvements in developments for healthcare in respect of a wide variety of diseases. Increased employment and wealth creation by the production and sales of devices.
Application of Technology	In health and industrial development.
Advantages	Nanofeatured surfaces of specified ultra-low adhesion, Long life sine there is no surface chemistry to degrade.
Status of Development	Development phase; Available for testing or assessment; Tested, available for demonstration
IP Status	Patents applied for but not yet granted.
Source	http://www.esastap.org.za