



## Data sheet ShovSafe<sup>®</sup>

Article number [201665](#)

ShovSafe<sup>®</sup> is a shovel made from conductive polypropylene and can be used to avoid build up of static electricity when handling flammable or explosive substances. The surface resistance is guaranteed to be below 1 000 000  $\Omega$  (according to CENELEC TR 50404).

The material is resistant to most chemicals and can withstand heat to some extent (max 40-50°C). In temperatures below 0°C the material may become brittle.

### Dimensions:

Length 35 cm

Width 113 cm

Weight 1,1 kg

The bowl of the shovel can hold more than 5 litre slurry or liquid

### Areas for use

Especially when handling flammable materials as

- absorbents that has absorbed flammable solvents
- skimming liquid from water surfaces (ditches or pools)
- handling explosives
- avoiding mechanical sparks when working in classified areas

Also suitable for handling materials that charge easily and cling to ordinary plastic etc.

### User instructions

It is important that the shovel is earthed when being used in a flammable or explosive endangered area, e.g. via the worker. Therefore the user shall wear gloves that can dissipate static charge and wears dissipative shoes and stands on a surface that is conductive or dissipative.

If you are uncertain whether your gloves and shoes are able to dissipate electrostatic charge you can connect a steel wire to the handle of the shovel to avoid dangerous charge build up.

20.12.2011

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