

## Technical Data Sheet TDS 006 — Industrial Hygiene Guidelines

### INDUSTRIAL HYGIENE GUIDELINES

#### Description

These guidelines refer to the recommendations on industrial hygiene and good practice to assist the product end-users, such as road contractors, landscape contractor and civil contractors in the use, handling and disposal of SOILBOND water-based organic emulsion.

#### Product Safety

SOILBOND emulsion is classified Non Hazardous and Non Dangerous Goods. This means it is safe for handling, storage and transportation. As with all products, please refer to the Material Safety Data Sheet before use.

#### Personal Protection and Hygiene

Avoid contact with eyes, skin and clothing. It is recommended as good industrial practice to use the following personal protective equipment when using SOILBOND emulsion:

- Safety glasses
- PVC or rubber gloves
- Disposable overalls (or equivalent)
- Safety boots

After handling, wash skin with water. If the emulsion has dried, it is recommended to use an industrial solvent-free hand cleaner (e.g. Quicksmart™ waterless hand cleaner, as an indication only).

Remove widely contaminated clothing and wash before re-use. Removal of stains will be best achieved by pre-treatment with an oil stain remover (e.g. Preen™, as an indication only) or mineral turpentine and then garments will be washed separately.

#### Equipment Clean Up

Clean equipment in contact with the SOILBOND emulsion immediately after use. Use water to wash fresh SOILBOND emulsion out of equipment. Wash water should be kept out of stormwater and waterways.

If the emulsion has dried, it is recommended to use a water based caustic industrial degreaser designed to remove oil, tar and grease (e.g. Chemtech Truckcare CT-14™, as an indication only). Refer to the supplier's instructions for correct cleaning procedure. When a degreaser is used for cleaning, the waste water will be contained according to the local regulations.

To clean smaller areas, it is recommended to use a liquid hydrocarbon solvent based degreaser with the aid of a cloth (e.g. K+H Wax and Grease Remover™ for automotive and industrial use, as an indication only). Refer to the supplier's instructions for correct cleaning procedure.

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#### Storage and Transport

It is recommended to store the emulsion undercover to avoid frost in storage. As with all emulsions, temperature fluctuations can result in the SOILBOND emulsion separating.

Compatible container and equipment materials coming into contact with SOILBOND emulsion include:

- Polyethylene
- Mild steel
- Stainless steel

#### Product Transfer

SOILBOND emulsion can be transferred using either:

- Pumping equipment; or
- Gravity feeding into the tank used for application

When dilution of SOILBOND emulsion is required, always add the water to the emulsion. Use the emulsion immediately after dilution, do not store.

#### Spill and Disposal

Contain all spills and keep out of stormwater and waterways.

Contain all solid and liquid waste and consult the local certified Waste Disposal Authority for guidance on disposal.

#### Environmental Information

After final application of SOILBOND binder into the soil or road material, the emulsion will condition and cure. After this curing stage, the SOILBOND binder does not leach out of the pavement into the environment.