

Chemical resistance certificate

Applicable to all types of Collapsible Spill Bunds, Tanks, Funnels, Drip trays and Protective Liners.

Resistance levels:

- A) resistant
- B) resistant for at least 3 hours
- C) non-resistant

Name of substance	Chemical formula	Resistance level at the temperature of 20 °C	Resistance level at the temperature of 60 °C	Name of substance	Chemical formula	Resistance level at the temperature of 20 °C	Resistance level at the temperature of 60 °C
LIQUID SUBSTANCES							
Acetone	CH ₃ COCH ₃	C	C	Hydrogen sulphide	H ₂ S	A	B
Acetonitrile	CH ₃ CN	A	A	Styrene	C ₈ H ₈	A	A
Ammonia	NH ₃	A	A	Pentane	C ₅ H ₁₂	A	A
Benzene	C ₆ H ₆	B	B	Toluene	C ₇ H ₈ CH ₃	C	C
Tar	mixture	C	C	Salt water		A	A
Dimethylformamide	C ₄ H ₉ NO	A	A	Water	H ₂ O	A	A
Ethanol	C ₂ H ₅ OH	B	B	Hydrogen peroxide	H ₂ O ₂	A	A
Ethylene glycol	C ₂ H ₄ O ₂	B	B	Kerosene	C ₇ -C ₁₆	C	C
Ethyl acetate	C ₄ H ₈ O ₂	C	C	SOLID SUBSTANCES			
Ethylbenzene	C ₈ H ₁₀	A	A	Ammonium acetate	CH ₃ COONH ₄	A	A
Formaldehyde	CH ₂ O	B	B	Borax	Na ₂ [B ₃ O ₆ (OH) ₄]-8H ₂ O	A	A
Chlorine	Cl ₂	C	C	Sugar	mixture	A	A
Chloroform	CHCl ₃	C	C	Potassium cyanide	KCN	A	A
Transformer oil		A	A	Ammonium nitrate	NH ₄ NO ₃	A	A
Gear oil		B	B	Calcium nitrate	Ca(NO ₃) ₂	A	A
SAE 40 oil		A	A	Phenol	C ₆ H ₅ OH	B	B
Lubricating oil		A	A	Ammonium phosphate	(NH ₄) ₃ PO ₄	A	A
Silicone oil		A	A	Potassium nitrate	KNO ₃	A	A
Turpentine distillates		B	B	Potassium	KOH	A	A
Hydrochloric acid	HCl	B	B	Sodium hydroxide	NaOH	A	A
Nitric acid	HNO ₃	B	B	Ammonium chloride	NH ₄ Cl	A	A
Phosphoric acid	H ₃ PO ₄	A	B	OPERATING FLUIDS			
Formic acid	HCOOH	B	B	Petrol		B	B
Acetic acid	CH ₃ COOH	A	B	Diesel fuel		B	B
Sulphuric acid	H ₂ SO ₄	A	B	Motor oil		B	B
Sulphurous acid	H ₂ SO ₃	A	B	Methyl tert-butyl ether (MTBE)	C ₄ H ₁₀ O	B	B
Isopropyl alcohol	C ₃ H ₇ O	B	B	Hydraulic oils		B	B
Methanol	CH ₃ OH	B	B				
Methylene chloride	CH ₂ Cl ₂	C	C				
Sodium chloride solution 20%	NaCl	A	A				
Mercury	Hg	A	A				

Notice:

Ecotarp collapsible products are compatible to varying degrees with the substances listed above.

However, given the almost unlimited number of potential combinations of chemicals plus the influence of factors such as concentration and temperature, this list does not claim to be definitive and is only intended for informative purposes in predicting the behaviour of the chemicals concerned.

Compatibility with the listed substances cannot be entirely guaranteed. Neither the manufacturer nor the distributor provides any warranty, nor do they accept any responsibility for resultant damage.

For a reliable estimate of the level of resistance to a specific substance, we recommend you to test small samples using miniature laboratory funnels which can be provided upon request by the manufacturer. Given that it is not always possible to identify and assess the nature of corrosive substances, the manufacturer recommends using the Ecotarp protective liner.



Ecotarp collapsible products are not intended for long-term storage of retrieved spilt liquids. They were developed first and foremost for rapid use in emergencies, for capturing hazardous substances during the time immediately before its correct disposal.