

# Table of Chemical Resistance

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

Name of substance	Chemical symbol	Level of resistance at 20°C	Level of resistance at 60°C
<b>LIQUID SUBSTANCES</b>			
Acetone	CH <sub>3</sub> COCH <sub>3</sub>	C	C
Acetonitrile	CH <sub>3</sub> CN	A	A
Ammonia	NH <sub>3</sub>	A	A
Benzene	C <sub>6</sub> H <sub>6</sub>	B	B
Tar	mixture	C	C
Dimethylformamide	HCON(CH <sub>3</sub> ) <sub>2</sub>	A	A
Ethanol	CH <sub>3</sub> CH <sub>2</sub> OH	A	A
Ethylbenzene	C <sub>6</sub> H <sub>5</sub> CH <sub>2</sub> CH <sub>3</sub>	A	A
Formaldehyde	HCHO	B	B
Chlorine	Cl	C	C
Chloroform	CHCl <sub>3</sub>	C	C
Hydrochloric acid	HCl	A	A
Nitric acid	HNO <sub>3</sub>	A	B
Phosphoric acid	H <sub>3</sub> PO <sub>4</sub>	A	B
Formic acid	HCOOH	B	B
Acetic acid	CH <sub>3</sub> COOH	A	B
Sulphuric acid	H <sub>2</sub> SO <sub>4</sub>	A	B
Sulphurous acid	H <sub>2</sub> SO <sub>3</sub>	A	B
Methanol	CH <sub>3</sub> OH	A	A
Mercury	Hg	A	A
Hydrogen sulphide	H <sub>2</sub> S	A	B
Styrene	C <sub>6</sub> H <sub>5</sub> -CH=CH <sub>2</sub>	A	A
Pentane	CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>2</sub> CH <sub>3</sub>	A	A
Toluene	C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>	A	A
Hydrogen peroxide	H <sub>2</sub> O <sub>2</sub>	A	A
<b>SOLID SUBSTANCES</b>			
Ammonium acetate	CH <sub>3</sub> COONH <sub>4</sub>	A	A
Borax	Na <sub>2</sub> [B <sub>4</sub> O <sub>5</sub> (OH) <sub>4</sub> ]·8H <sub>2</sub> O	A	A
Sugar	mixture	A	A
Potassium cyanide	KCN	A	A
Ammonium nitrate	NH <sub>4</sub> NO <sub>3</sub>	A	A
Calcium nitrate	Ca(NO <sub>3</sub> ) <sub>2</sub>	A	A
Phenol	C <sub>6</sub> H <sub>5</sub> OH	B	B
Ammonium phosphate	(NH <sub>4</sub> ) <sub>3</sub> PO <sub>4</sub>	A	A
Potassium nitrate	KNO <sub>3</sub>	A	A
Potassium	KOH	A	A
Sodium hydroxide	NaOH	A	A
Ammonium chloride	NH <sub>4</sub> Cl	A	A

Meaning of letters:

**A resistant | B resistant for up 3 hours | C not resistant**

## Notice

ECCOTARP collapsible spill bunds 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 Eccotarp protective liner.



The ECCOTARP collapsible spill bunds 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.