


ABB JOKAB SAFETY, JUNE 2017

# Chemical resistance of the coating of the safety bumpers

2TLC010011D0201

	Artificial leather coating			Polyurethane coating			NBR coating		
Solvent	Wipe	1 h	24 h	Wipe	1 h	24 h	Wipe	1 h	24 h
Water	1	1	1	1	1	1	1	1	1
Detergent	1	1	1	1	1	1	1	1	1
Caustic-soda 10%	1	1	1	1	1	1	3	4	4
Ammonia 10%	1	1	1	1	1	1	-	-	-
Acetic acid 10%	1	1	1	1	1	1	3	4	4
Sulphuric acid 10%	1	1	1	1	1	1	3	4	4
Ethyl alcohol	1	2	3	1	1	1	-	-	-
Ethyl acetate	4	5	6	4	5	6	-	-	-
Acetone	4	5	6	4	5	6	-	-	-
Gasoline	1	2	3	1	1	1	1	2	3
Diesel	1	1	1	1	1	1	1	2	3
Engine oil	1	1	2	1	1	1	1	2	2
Transmission oil	1	1	2	1	1	1	1	2	2

- 1 = no effects
- 2 = few effects
- 3 = medium effects
- 4 = noticeable effects
- 5 = strong effects
- 6 = extreme effects
- = without specification/test

 The listed material properties are considered as guideline. Critical applications have to be tested directly at the actual application.