

Chemical Listings



CONCENTRATIONS AND RECOMMENDED MAXIMUM CONTINUOUS EXPOSURE TEMPERATURE - DEGREES F

CHEMICAL	CONC.%	NOTES	F010	F007	F080	F083	F085	F282	K190	F701	F707	Hood & Duct K733
			F013	F015		K022	K023		F086	K095	F764	
			TEMPERATURE									
ACETALDEHYDE	100		NR	NR	NR	NR	NR	NR	NR	NR	NR	
ACETIC ACID	10		200		210	210	200	200	210	130		150
ACETIC ACID	25		200		210	210	200	200	210	130		125
ACETIC ACID	50		160		180	180	180	130	180	120		90
ACETIC ACID	75		140		150	150	150	100	150	NR	NR	NR
ACETIC ACID	85			NR					80	NR	NR	NR
ACETIC ACID GLACIAL	100		NR	NR	NR	NR	80	NR	80	NR	NR	NR
ACETONE	1			NR	150	NR	150	150	NR	NR	NR	NR
ACETONE	100		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ACETONE : MEK : MIBK	6			NR	NR	NR	105		NR	NR	NR	NR
ACETONITRILE	ALL		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ACRYLAMIDE	50			100	80	100	100		80			NR
ACRYLIC ACID	10		100	100	100	100	100	100	100	100	NR	NR
ACRYLIC ACID	25		100	NR	100	100	100	100	100	100	NR	NR
ACRYLIC LATEX	ALL		180	125	180	180	180	180	100			
ACRYLONITRILE	100		NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ADIPIC ACID	100		180	180	180	180	180	180	200			
ADIPONITRILE	100		120	100	120	120	120	120	160			
ALKYL BENZENE SULPHONIC ACID	ALL		140	140	180		140	140	100			
ALKYLAMINOPOLYGLYCOLETHER	ALL		NR	80	80	80	80	80	90			
ALKYLARYL SULFONATE SALTS	ALL		140	120	140	140	140	140	150			80
ALKYLARYL SULFONIC ACID	ALL		140	120	140	140	140	140	160			
ALKYLARYLAMMONIUM SALT	ALL		180	180	180	180	180	180	180			80
ALKYLBENZENEAMMONIUM SALT	ALL		180	180	180	180	180	180				80
ALKYLBENZENESULFONIC ACID	ALL		140	120	140	140	140	140	150			80
ALKYLNAPHTOLOPOLYGLYCOLETHER	ALL		140	120	140	140	140	140	150			NR
ALKYLOLAKOXYLATE	ALL		140	120	140	140	140	140	150			
ALKYLOLETERPHOSPHATE	ALL		80	80	80	80	80	80	90			80
ALKYLOLETERSULFATE	ALL		140	120	140	140	140	140	150			80
ALKYOLSULFATES AND SALTS	ALL		140	120	140	140	140	140	150			80
ALKYLPHENOLPOLYGLYCOLETHER	ALL			80	80	80	80	80	80			
ALKYLPHENOLPOLYGLYCOLETERSULFATES AND SALTS	ALL		140	120	140	140	140	140	150			80

Notes

- 1 Synthetic veil recommended
 - 2 Double synthetic veil recommended
 - 3 Double C-glass veil recommended
 - 4 Double C-glass veil recommended. The thickness of the chemical resistance barrier (veil plus chopped glass fibers) should be ≈0.200 inches thick
 - 5 Carbon Veil is recommended for improved service life.
 - 6 Acid resistant (ECR) glass recommended in chopped glass layer behind the veil layer(s)
 - 7 BPO/DMA or BPO/DEA curing system is recommended for improved service life.
 - 8 Post cure recommended for improved service life.
 - 9 Satisfactory up to maximum stable temperature of component.
 - 10 Contact Corrosion Product Leader (see page 3)
 - 11 Vipel® F764 or Vipel® F774 are recommended as the preferred products over Vipel® F701.
 - 12 Only F010, F007, F015, F701, F764, F774 and F737 are suitable for FDA/USDA applications.
- NR** Not recommended.
'ALL' in concentration column refers to concentrations in water.
'100' in concentration column refers to the pure chemical.

Fahrenheit to Centigrade Conversions

300°F= 149°C	230°F= 110°C	160°F= 71°C	100°F= 38°C
290°F= 143°C	220°F= 104°C	150°F= 66°C	90°F= 32°C
280°F= 138°C	210°F= 99°C	140°F= 60°C	80°F= 27°C
270°F= 132°C	200°F= 93°C	130°F= 54°C	77°F= 25°C
260°F= 127°C	190°F= 88°C	120°F= 49°C	70°F= 21°C
250°F= 121°C	180°F= 82°C	110°F= 44°C	60°F= 16°C
240°F= 116°C	170°F= 77°C		

Room temperature is assumed to be 77°F