

Date 2025.09.04
Language English
SDS 950509

**SUMMARY**

Tacky Flux for Pb-free application

PASTE	120-TEM
PROCESS	
No-Clean process	7
Post-solder cleaning	7

INDUSTRY APPLICATION	
Consumer electronics	5
Standard industrial electronics	4
Hi-Rel electronics (automotive)	4

PROCESS CAPABILITY	
Printing	4
Pb-free Profile Air, short	7
Pb-free Profile Air, long	6
Pb-free process N2	7
Disc / Dip transfer	7
Long open time	6
Reduces dewetting	7
Cosmetic cleanliness	7
ICCT compatible	7
Conformal coating	6

Legend	
<i>Especially made for this purpose</i>	9 - 10
<i>Generally qualified for this purpose</i>	7 - 8
<i>Generally usable, but not the best choice</i>	5 - 6
<i>Generally not usable for this purpose</i>	3 - 4
<i>Wrong choice</i>	1 - 2

Check material compatibility with every process change!

Industrial chemical product.

Read MSDS before use.

Disclaimer:

This information is intended as advice to the best of our knowledge. The provided data is based on our own measurements, they do not provide any guaranteed properties nor are these delivery specifications. Due to the versatility of materials, applications and taking in consideration the industrial property rights of third parties, Balver Zinn Josef Jost GmbH & Co. KG cannot take any liability.

CLASSIFICATION

DIN-EN-29454-1: 1994	1.2.3.A
IPC-J-STD-004-A: 2004	REM0

PROPERTIES

120-TEM		
Flux code		
Solids	[% w/w]	43
VOC content	[% w/w]	Remainder
Filmformer		Synthetic Resin
Max. printing speed	[mm/s]	200
Recommended peak temp.	[°C]	280
Acid number	[mg KOH/g]	120
Residues		Amber
Tackiness Malcom TK1	IPC-TM650 2.4.44	[g/l] @ 0h
		150

TEST REPORTS

Certificate of Compliance	Website
Application Note	N/A

PACKAGING AND STORAGE

Packaging syringe	HDPE [g]	10
Packaging jar	PP [g]	90
Packaging cartridge	HDPE [g]	250
Minimum shelf-life in months	4-10 °C	12