

Product data sheet

BALVER ZINN[®]
COBAR[®]

Product 94-SEL
Date 2014.09.12
Release 14.1
Language English

General Selective soldering flux

Legend	
5	Especially made for this purpose
4	Generally qualified for this purpose
3	Generally usable, but not the best choice
2	Generally not usable for this purpose
1	Wrong choice

Flux code	Summary
94-SEL	General SEL flux, high reliability, automotive qualifications

FLUX CODE	
PROCESS	
No-Clean process	5
Post-solder cleaning	3
INDUSTRY APPLICATION	
Consumer electronics	3
Standard industrial electronics	5
Hi-Rel electronics (automotive)	5
PCB CAPABILITY	
1-layer, video/tv boards	3
2-layer boards	5
Multi-layer boards	5
OSP compatible	5
Ni/Au compatible	5
Ag/Pd compatible	4
Ni/Pd compatible	4
ImAg compatible	4
ImSn compatible	5
PROCESS CAPABILITY	
Dip Soldering	4
Drag soldering	5
Dropjet fluxing	5
High Pre-heat compatible	5
High soldering temp compatible	5
Long contact time compatible	4
Reduces spreading of flux	4
Reduces solderballing	5
Reduces bridging	4
Improves TH filling	4
Brilliant joint appearance	5
Cosmetic leanness	4
ICCT compatible	5
Conformal coating compatible	5
SAFETY	
Ionic Contamination	TBD
No corrosion	4
High SIR	4

CLASSIFICATION	
ISO 9454-1	1.2.3.A
IPC-J-STD-004	REL0
PROPERTIES	
Density	0,848
Solid content	2,6
Acid number [mg KOH] +/- 5%	13,85
Water content [% w/w]	21
VOC content [% w/w]	76
Filmformer(s)	Resin
Color	Colorless
Odor	Mild alcoholic
Flashpoint COC [drg c]	16,5
Thinners	308-00
TEST REPORTS	
Bellcore TR-NWT-000078/3	TBD
Certificate of Compliance	website
SPC-data	auditable
User's Guidelines	english
PACKAGING AND STORAGE	
Packaging bottle (HDPE) [liter]	1
Packaging can (HDPE) [liter]	5
Packaging can (HDPE) [liter]	10
Recommended shelf-life in Months	
Storage temperature 20- 25 °C	9

Check material compatibility with every process change!

Industrial chemical product.

Read MSDS before use.

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