

# Product data sheet

**BALVER ZINN<sup>®</sup>**  
**COBAR<sup>®</sup>**

**Product** 385-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
385-SEL	high rel. flux, highest SIR values, automotive qualifications

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

CLASSIFICATION	
ISO 9454-1	1.2.3.A
IPC-J-STD-004	REL0
PROPERTIES	
Density	0,804
Solid content	1,9
Acid number [mg KOH] +/- 5%	18,75
Water content [% w/w]	1
VOC content [% w/w]	94
Filmformer(s)	Resin
Color	Colorless
Odor	Alcoholic
Flashpoint COC [drg c]	11,9
Thinners	425-00
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	12

Check material compatibility with every process change!

Industrial chemical product.

Read MSDS before use.

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