

Product Data Sheet

BALVER ZINN[®] COBAR[®]

Product **CLEANERS**

Cleaning solvents

Date 18-01-12

Release 12.01

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
ACA-5462	Concentrated solvent
MCA-1424	Concentrated solvent for Multiple applications
MCI-2330	Ready mix low VOC solvent for Multiple applications.

CLEANER CODE	ACA-5462	MCA1424	MCI-2330
CLEANING PROCESS			
Stencils	3	4	5
Misprints	4		4
Equipment	3		4
Adhesives	1		3
Post solder flux residues		4	
Post solder paste residues	5	4	
TYPE			
Alkaline		4	
Acidic		1	
METHOD			
Cold Cleaning (CC)	2	3	
Hot Liquid Cleaning (HLC)		4	
Vapor Phase Cleaning (VPC)		2	
Ultra Sonic (US)	3	4	
Spray Under Immersion (SUI)	3	4	
Spray In Air (SIA)	5	4	3
Under Stencil Cleaning (USC)	2	3	
Manual Cleaning	2	3	5
PROCESS CAPABILITY			
Non Flash process	5	4	3
Non Toxic process		4	
ECO Friendly process		4	
Distilable process	4	3	2
Bio degradable process		4	
Fast Drying		3	
Reduces Staining		4	
Cosmetic cleanliness		5	
ICCT compatible	4		5
Conformal coating	4		5
SAFETY			
Low Ionic contamination		4	5
No corrosion	NA	NA	NA
High SIR	NA	NA	NA

CLEANER CODE	ACA-5462	MCA1424	MCI-2330
PROPERTIES			
Color	Light Amber	Clear	Straw
Odor	Mild	Mild Amine	Low Alcohol
Flashpoint COC [drg c]	100	no - boil	82
Boiling point 1000 mBar [dgr C]	100	170	150
VOC content [% w/w]	ND	ND	ND
Surface tension 20 dgr C [dynes/cm]	ND	ND	26
DILLUTED PROPERTIES			
pH as delivered	10.4	11.0	9,4
Min concentration in water [% w/w]	ND	5%	ND
Max concentration in water [% w/w]	ND	30%	ND
pH in Solution	ND	ND	ND
Thinner	DI-water	DI-water	DI-water
Recommended process temperature	60	55	60
TEST REPORTS			
RoHS Compliance Certificate	Available		
Certificate of Compliance	website		
SPC-data	auditable		
User's Guidelines	English		
PACKAGING AND STORAGE			
Packaging can (HDPE) [liter]	1		
Packaging can (HDPE) [liter]	10		
Packaging Drum (HDPE) [liter]	200		
Recommended shelf-life in weeks			
Storage temperature [°C]	20	260	
Storage temperature [°C]	25	260	

Check material compatibility with every process change!

Industrial chemical product.

Read MSDS before use.

Disclaimer:

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