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| Date | 2021.03.09 |
| Language | English |
| SDS | 950505 |



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.

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CLASSIFICATION

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

PROPERTIES

| 120-TEM | |
|------------------------|--------------------------------|
| Flux code | 120-TEM |
| 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 [gf] @ 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 |