

esLife Service Life Estimation Program

Name: Bob Doran
EIN: IMIA, LLC
Department: ES & H
Occupational Category: Painters
Exposure Group: Interbond 998 Spray Painters
Task Description: Strenuous spray painting in confined spaces with 20% safety factor

Estimated Cartridge Service Life:

| Cartridge | Description | Minutes | Hours | 8-Hr. Shifts |
|-----------|-------------|---------|-------|--------------|
| 75SC | 75SCP100 | 381.12 | 6.352 | 0.794 |
| N7500-1 | 7581P100 | 467.53 | 7.792 | 0.974 |
| N7500-3 | 7583P100 | 387.12 | 6.452 | 0.807 |

Input Parameters for Exposure Conditions:

Contaminant [CAS #]: METHYL (n-AMYL) KETONE [110-43-0]

8-hr TWA: 100 ppm
STEL: ppm
Ceiling: ppm
IDLH: 800 ppm
User Specified OEL: ppm
Worksite Concentration: 80 ppm

Contaminant [CAS #]: n-BUTYL ALCOHOL [71-36-3]

8-hr TWA: 100 ppm
STEL: ppm
Ceiling: ppm
IDLH: 1400 ppm
User Specified OEL: ppm
Worksite Concentration: 80 ppm

Breathing Rate: Heavy - strenuous work on periodic basis (70 lpm)

Temperature: 70 °F

Humidity: Less than 65%

Breakthrough: Results calculated at 10% breakthrough

Safety Factor: Final results times 0.8

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