

**esLife Service Life Estimation Program**

**Name:** Victor  
**EIN:**  
**Department:** Paint  
**Occupational Category:** DSEC-1, 5 Port Cargo  
**Exposure Group:** Devchem 253 / Brush  
**Task Description:**

**Estimated Cartridge Service Life:**

Cartridge	Description	Minutes	Hours	8-Hr. Shifts
75SC	75SCP100	3883.50	64.725	8.091
N7500-1	7581P100	4537.46	75.624	9.453
N7500-3	7583P100	3837.55	63.959	7.995

**Input Parameters for Exposure Conditions:**

**Contaminant [CAS #]:** FURFURYL ALCOHOL [98-00-0]

**8-hr TWA:** 50 ppm  
**STEL:** ppm  
**Ceiling:** ppm  
**IDLH:** 75 ppm  
**User Specified OEL:** ppm  
**Worksite Concentration:** 5 ppm

**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:** 7.2 ppm

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

**Temperature:** 80 °F

**Humidity:** Less than 65%

**Breakthrough:** Results calculated at 10% breakthrough

**Safety Factor:** Final results times 0.8

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**North Safety Products**  
**2000 Plainfield Pike**  
**Cranston, RI 02921 USA**  
**Customer Service 1-800-430-4110**  
**[www.northsafety.com](http://www.northsafety.com)**

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