

### esLife Service Life Estimation Program

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

#### **Estimated Cartridge Service Life:**

<b>Cartridge</b>	<b>Description</b>	<b>Minutes</b>	<b>Hours</b>	<b>8-Hr. Shifts</b>
75SC	75SCP100	292.71	4.878	0.610
N7500-1	7581P100	265.39	4.423	0.553
N7500-3	7583P100	241.02	4.017	0.502

#### **Input Parameters for Exposure Conditions:**

**Contaminant [CAS #]:** METHYL ETHYL KETONE [78-93-3]

**8-hr TWA:** 200 ppm

**STEL:** ppm

**Ceiling:** ppm

**IDLH:** 3000 ppm

**User Specified OEL:** ppm

**Worksite Concentration:** 80 ppm

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

**Temperature:** 70 Â°F

**Humidity:** Less than 65%

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

**Safety Factor:** Final results times 0.8

#### **Disclaimer of Warranty**

The algorithm and database included in this program incorporate the best information currently available to North Safety Products, and are derived from published sources generally believed to be reliable. North makes no warranty or representation as to the accuracy, completeness or reliability of either the source material or the information resulting from the use of this program, and disclaims the implied warranties of merchantability and fitness for particular purpose, and all other warranties, express or implied.

The user assumes all risks, if any, arising out of the use of this program, and North assumes no liability for any direct, indirect, incidental or consequential damages arising out of the use or inability to use the program.

North reserves the right to change design, construction or formulation of its chemical cartridges or any of their components without notice to cartridge users of the effect of any such changes on service life or any cartridge change schedule derived from the use of this program.

**North Safety Products**  
**2000 Plainfield Pike**  
**Cranston, RI 02921 USA**  
**Customer Service 1-800-430-4110**  
**www.northsafety.com**

**©2002 North Safety Products**  
ezGuide is a trademark of NorthSafetyProducts