

Auto body shop isocyanate control program checklist for worker safety

#	Work practice	This work practice takes place in the shop
1	Is spraying with materials containing isocyanates, including primers, done inside a booth designed for paint spraying and equipped with mechanical ventilation vented to the atmosphere?	Yes /No Comments:
2	Is WHMIS (Workplace Hazardous Materials Information System) training provided to the workers?	Yes /No Comments:
3	Are Safety Data Sheets (SDSs) reviewed and used for the isocyanate material used in the shop?	Yes /No Comments:
4	Does the spray painter wear a NIOSH (National Institute for Occupational Safety and Health) Type C airline respirator with a full face piece, hood or loose fitting face piece/visor operated in positive-pressure mode or a self-contained breathing apparatus with a full face piece operated in positive-pressure mode?	Yes /No Comments:

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5	If a tight fitting facepiece is selected, is fit testing conducted?	Yes /No Comments:
6	Is the supply air system suitable for supplying breathing air and of sufficient capacity to maintain a positive pressure and adequate air flow in each respirator or hood?	Yes /No Comments:
7	Is the air supplied to respirators or hoods taken from a clean air area? If compressed air is used from an oil lubricated compressor, does it meet Table 1 of CSA Z180.1-13 (R2018) for compressed air? Is it tested every six months? Is the in-line carbon monoxide monitor calibrated according to the manufacturer's specifications? For more information consult Reg 490, Section 26.2 (5)	Yes /No Comments:
8	Is the booth ventilation equipment, such as fan and filters, maintained and operated in such a manner that the face velocity of the booth meets design specifications?	Yes /No Comments:

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9	Is the booth fan kept running after spraying has ended until all overspray and vapours have been exhausted?	Yes /No Comments:
10	Does the spray painter keep the respirator on until all overspray and vapours have been exhausted?	Yes /No Comments:
11	Do workers wear eye protection, gloves and clothing that protect the skin while handling or spraying materials that contain isocyanates?	Yes /No Comments:
12	Are all workers working with isocyanate materials offered medical surveillance in accordance with the Code for Medical Surveillance for Designated Substances in Ontario Regulation 490/09 (2019) under the OHSA?	Yes /No Comments:
13	Does the shop have an eyewash fountain to rinse the eyes, as per Regulation 851 - Industrial Establishments Regulation section 124 ?	Yes /No Comments:
14	Are soap and water and, if possible, a mixture of half-and-half isopropyl alcohol and water available to rub splashes of isocyanate materials off the skin?	Yes /No Comments:

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15	Is water or a mixture of nine parts water, one part isopropyl alcohol and some liquid detergent available in the shop?	Yes /No Comments:
16	Is an absorbent material such as saw-dust available in the shop?	Yes /No Comments:
17	Is there a record kept of the length of time workers are exposed to isocyanates other than those listed in Table 1 of the Designated Substances Regulation?	Yes /No Comments:
18	Are gloves and coveralls selected for the conditions of use? Are the safety data sheets (SDS) and personal protective equipment (PPE) supplier or manufacturer consulted when selecting the PPE?	Yes /No Comments:
19	If isocyanate material gets in the eyes, are the eyes flushed with clear lukewarm water, occasionally lifting the eyelids for 15 minutes? Is medical help obtained right away?	Yes /No Comments:
20	If the hardener gets on the skin, is the skin washed with soap and water, and rubbed with a mixture of half-and-half isopropyl alcohol and water, or at least rinsed with lots of water? (The mixture must not be used to flush the eyes.)	Yes /No Comments:

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21	Is clothing that is splashed with isocyanate not worn even if it is dry?	Yes /No Comments:
22	Is clothing contaminated with isocyanate removed and soaked in a mixture of nine parts of water and one part of isopropyl alcohol with some detergent for at least 15 minutes to neutralize splashes on the clothing? Or is the contaminated clothing at least soaked in water for a few hours?	Yes /No Comments:
23	In case of hardener spray inhalation, is the worker moved to a clean air area, and is medical attention obtained at once? (The effects of inhalation sometimes do not show for hours.)	Yes /No Comments:
24	Are eating, drinking and smoking prohibited in isocyanate working areas?	Yes /No Comments: