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Harmful Agents to Catalytic Sensors

Industrial Scientific Corporation is a leading manufacturer of life saving gas detection instruments and systems. The catalytic gas sensor can be damaged or inhibited by catalyst poisons. It is important that our vendors and suppliers be aware of this. These harmful agents must be avoided in raw materials, formulations, processes, and packaging materials supplied to Industrial Scientific Corporation. It is important that personnel avoid unapproved hand lotion contamination during manufacturing processes. It is also important that the presence of these agents be disclosed.

Harmful compounds (not always listed on MSDS, but must confirm with a formulation chemist of the materials to make sure they are absent):

- Silicon-containing compounds:
 - Silicones (e.g., dimethicone, simethicone)
 - Silanes (e.g., silicon hydride)
 - Siloxanes (e.g., dimethyl-polysiloxane, methylphenyl-polysiloxane)
- Sulfur-containing compounds (e.g., hydrogen sulfide, sulfur cross linking agents)
- Lead-containing compounds (e.g., tetraethyl lead)
- Halogen-containing compounds (e.g., chloroform, bromoethane)

Materials and parts that often contain harmful compounds:

- Flexible parts such as gasket materials, diaphragms, plastic bags, foams, tubing, and electrical contact elastomers used in displays
- Rubber materials such as silicone rubbers
- Plastic materials

- Adhesives (e.g., tapes with adhesives), coatings (e.g., PCB coatings), or paints
- Resin and potting compounds (e.g., epoxies)
- Lubricants, greases, and oils
- Vehicle care products such as wax, ArmorAll, WD40
- Personal care products such as lip sticks, shampoos, conditioners, deodorants, antiperspirants, cosmetics, sunscreens, lotions, hand creams, shaving creams, ointments, hair sprays, skin protectants, and protective creams

This is a partial list and should only be used as a guide. Any product supplied to us may contain harmful agents. Please contact Industrial Scientific Corporation if you have any questions concerning this important issue.

Thank you!

OUR MISSION

Preserving human life on, above and below the earth
Delivering highest quality, best customer service ...
every transaction, every time