



Mine Safety Appliances Company, 1000 Cranberry Woods Drive, Cranberry Twp, PA 16066

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To whom it may concern:

MSA P/N 10104163, an **XCell™** Oxygen sensor used in portable instruments, is considered an article as defined in 29 CFR 1910.1200 (c). Articles are exempt from the Hazard Communication Standard and no MSDS is required for this product. In order to aid in your understanding the contents of this sensor the following table lists potential hazardous components within the sensor at the time of manufacture.

POTENTIAL HAZARDOUS COMPONENTS	QUANTITY
Platinum Black absorbed on media	<0.1 grams
Lead (Pb) as solder on PCBA	trace
Platinum ribbon and coil	< 0.1 grams
Sulfuric Acid (6.7N)	< 0.7 cc
plastics, PPE, GF, PE, PES	balance
resins- cured BPA	<0.03 cc

Please note that the environment in which you used the sensor may have impacted its contents and that it is your responsibility to dispose of the sensor in accordance with local, state, and federal laws and regulations. Please provide this information to your regulatory affairs and/or safety officer.

Should you have additional questions contact MSA at the above phone number.