

Manufacturers of Imaging Accessories

## LEAD FREE APRON SAFETY DATA SHEET

### SECTION 1 – Chemical Product and Company Identification

<b>Product Name:</b>	Wolf Lead Free Aprons
<b>Product Identifier:</b>	Product Numbers beginning with 75050NL, 75051NL, 75053NL, 75061NL, 75062NL, 75056NL, or 65021TB followed by a dash then a two-digit color #.
<b>Product Use:</b>	To protect patients while using x-ray equipment.
<b>Manufacturer's Name:</b>	Wolf X-Ray Corp
<b>Manufacturer's Address:</b>	133 Wolf Road Battleboro, NC 27809
<b>Phone Number:</b>	631-242-9729

### SECTION 2 – Hazard Identification

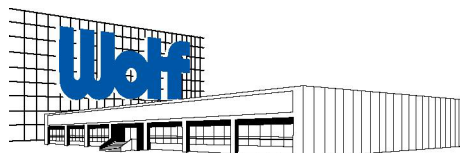
<b>Hazard Classification:</b>	GHS Classification in accordance with 29 CFR 1910 (OSHA HCS) <b><u>Not Classified (Article Exemption)</u></b> This product meets the definition of an "article" under OSHA Hazard Communication Standard 29 CFR 1910.1200.
<b>Signal Word:</b>	None
<b>Hazard Statement:</b>	No hazard statements because this is an article.
<b>Pictograms:</b>	None
<b>Precaution Statement:</b>	No precautionary statements because this is an article.
<b>Description of Hazards Not Otherwise Classified:</b>	Materials contained in this product pose no health risk if the apron is handled correctly.

### SECTION 3 – Composition/Information on Ingredients

Chemical Name	CAS No.
Ethylene Copolymer	26221-73-8
Antimony	7440-36-0
Bismuth	7440-69-9
Hydrocarbon Oil	64742-01-4
Oleamide (Slip Agent)	301-02-0
Antioxidant	6683-19-8
Antioxidant	31570-04-4

### SECTION 4 – First Aid Measures

<b>Ingestion:</b>	No specific intervention. Consult physician if necessary.
<b>Skin Contact:</b>	Cleanse skin with copious amounts of cool water. Do not attempt to peel any polymer from skin.



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<b>Eye Contact:</b>	Do not rub eyes. Immediately flush eyes for 15 minutes Flush with water. Remove contact lenses if easy to do. Continue rinsing for several minutes. Seek medical attention.
<b>Inhalation:</b>	No specific intervention. Consult physician if necessary.
<b>Special Treatment:</b>	Treat according to symptoms.

### SECTION 5 – Fire-Fighting Measures

<b>Extinguishing Equipment:</b>	BC, ABC, or CO2 extinguishers
<b>Fire and Explosion Hazards:</b>	Hazardous combustion products include hydrogen chloride and phosgene vapors.
<b>Protective Equipment:</b>	Firefighters should wear personal protective equipment or use a self-contained breathing apparatus to avoid breathing combustion products.

### SECTION 6 – Accidental Release Measures

<b>Personal Precautions:</b>	No precautions under normal circumstances. When in doubt avoid direct contact with skin/eyes.
<b>Containment and Cleanup:</b>	Wear gloves to place damaged apron in a closed container for disposal. See section 13 for proper disposal.

### SECTION 7 – Handling and Storage

<b>Precautions for Safe Handling:</b>	An intact apron should be handled with care to prevent damage. Wear gloves when handling a damaged apron as a precaution.
<b>Precautions for Safe Storage:</b>	Never fold or crease an apron. To prevent damage to the apron it should be hung on an apron hanger or apron rack when not in use. Avoid contact with sharp objects. Aprons can be carefully rolled and placed in a box for storage or transportation.

### SECTION 8 – Exposure Controls/Personal Protection

<b>Exposure Controls:</b>	None
<b>Personal Protection:</b>	Not required for handling an intact apron. For handling a damaged apron wear safety glasses, impervious gloves, body-covering clothing, and a high-efficiency respirator.

### SECTION 9 – Physical and Chemical Properties

<b>Form:</b> Solid	<b>Color:</b> Interior-Grey Exterior-Fabric varies	<b>Odor:</b> None	<b>Flashpoint:</b> No data
<b>Flammable:</b> No	<b>Solubility:</b> Not soluble in water	<b>pH:</b> Not applicable	<b>Boiling Point:</b> Not applicable

### SECTION 10 – Stability and Reactivity

<b>Reactivity:</b>	Material is not considered reactive under normal temperatures and pressures. Avoid fire, corrosives, acids, and strong oxidizers.
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<b>Chemical Stability:</b>	This product is considered a stable material under normal and anticipated storage and handling conditions.
<b>Hazardous Decomposition Products:</b>	HCL CO, CO2

### SECTION 11 – Toxicological Information

<b>Effects of Acute Exposure:</b>	There are no known effects associated with acute exposure to the outer fabric of an intact apron. <u>Oral</u> – Acute Antimony ingestion may cause nausea, vomiting and severe diarrhea. Bismuth ingestion may cause stomatitis, diarrhea, headache, fever, rheumatic pains. <u>Inhalation</u> – This product is not respirable as marketed. Copolymer may cause irritation at temperatures above 204 C. <u>Dermal</u> – in powder form dust may irritate skin and eyes (dermatitis).
<b>Effects of Chronic Exposure:</b>	There are no known effects associated with chronic exposure to the outer fabric of an intact apron.
<b>Toxicity:</b>	Ethylene Copolymer LD-50 >1000 mg/kg (Rat) Antimony Oral LD-50 7000 mg/kg (Rat) Hydrocarbon Oral LD-50 >5000 mg/kg (Rat)
<b>Germ Cell Mutagenicity:</b>	There is no data available on the mutagenic effects of the product.
<b>Carcinogenicity:</b>	Limited data available on long term exposure.
<b>Reproductive Toxicity:</b>	No information available.
<b>Aspiration Hazard:</b>	There is no data available on the aspiration hazards of the product.

### SECTION 12 – Ecological Information

<b>Aquatic Toxicity:</b>	Negligible solubility. Hydrocarbon oil LC-50 >1000 mg/L (Fish)
<b>Persistence and Degradability:</b>	There is no data available on the environmental degradation of material.
<b>Bioaccumulation Potential:</b>	Log Pow = >3.9 to >6.0
<b>Mobility in Soil:</b>	Not likely to be very mobile in soil.

### SECTION 13 – Disposal Considerations

This product can be recycled or disposed of in a landfill.

### SECTION 14 – Transport Information

This product does not have any special shipping information or instructions.

### SECTION 15 – Regulatory Information

This product has been classified in accordance with the hazard criteria of the CFR.

<b>WHMIS Classification:</b>	Not regulated
<b>OSHA:</b>	Not regulated
<b>SERA:</b>	Not regulated
<b>TSCA:</b>	Not regulated



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### SECTION 16 – Other Information

The information contained in this Safety data sheet is based on the present state of knowledge and current legislation.

Since this information may be applied under conditions beyond our control and with which may be in familiar and since data made available subsequent to the data here of may suggest modification of the information, we do not assume any responsibility for the results of its use.

This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

This safety data sheet provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.