



2018 SDS for LEAD

Section 1: Identification of the substance/mixture and of the company

Product Identifier: VL – Lead filled flexible vinyl available in a range of lead equivalent values.

*not responsible for levels

Intended Use: Production of X-ray apparel

Section 2 – Hazards Identification

Classification (GHS-US)

Carc. 1B H350

Aquatic Acute 1 H400

Label Elements (GHS-US)

Hazard Pictograms (GHS-US)



GHS08



GHS09

Signal Words (GHS-US)

WARNING

Hazard Statements (GHS-US)

H350 – May cause cancer

H400 – Very toxic to aquatic life

Precautionary statements (GHS-US)

P201 – Obtain special instructions before use

P202 – Do not handle until all safety precautions have been read and understood

P264 – Wash hands, forearms, and other exposed areas thoroughly after handling

P270 – Do not eat, drink or smoke when using this product

P273 – Avoid release to the environment

P280 – Wear protective gloves / protective clothing / eye protection / face protection

P308&P313 - IF exposed or concerned: Get medical advice / attention

P391 – Collect spillage

P405 – Store locked up

P501 – Dispose of contents / container in accordance with local/regional/national/international regulations

Section 3 – Composition / Information on Ingredients

Name	Identification	%	Classification (GHS-US)
Lead	CAS 7439-92-1	70-90 *trade secret	Carc. 1B, H350 Aquatic, H400
PVC Plasticizer	Not Available	10-30 *trade secret	Not Classified

*The specific chemical identity and/or exact percentage of this item has been withheld as a trade secret.

Section 4 – First Aid Measures

Eyes - No specific first aid necessary.

Ingestion – No specific first aid necessary.

Skin – No specific first aid necessary.

Inhalation – No specific first aid necessary.

Section 5 – Fire Fighting Measures

General Fire Hazards – Avoid breathing combustion products or use a self-contained breathing apparatus.

Hazardous Combustion Products – Hydrogen chloride & Phosgene vapors are emitted.

Extinguishing Media – Use appropriate fire extinguishing media for surrounding fire.

Unsuitable Extinguishing Media - None

Fire Fighting Equipment / Instructions - Firefighters should wear full protective gear.

Section 6 – Accidental Release Measures

Recovery and Neutralization – No data available

Materials and Methods for Clean-Up – No data available

Emergency Measures – No data available

Personal Precautions and Protective Equipment – No data available

Prevention of Secondary Hazards – No data available

Environmental Precautions – Dispose of this material only in accordance with applicable Federal, State and Local laws and regulations.

Section 7 – Handling and Storage

Handling Procedures – Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink, or smoke while using this material.

Storage Procedures – No special storage required.

Section 8 – Exposure Controls / Personal Protection

LEAD (7439-92-1)		
USA ACGIH	ACGIH TWA (mg/m3)	0.05 mg/m3
USA OSHA	OSHA PEL (TWA) (mg/m3)	50 ug/m3

Hand protection None required*

Eye protection None required*

Skin protection None required*

Respiratory protection None required*

*under normal handling conditions

Section 9 – Physical & Chemical Properties

Appearance – grey flexible vinyl

Odor - none

Physical State – Solid / vinyl

pH – no additional data

Vapor Pressure – not available

Vapor Density – not available

Boiling Point - not applicable
Melting Point – no additional data
Evaporation Rate – not applicable
Flash Point – no additional data
Self-Ignition Temperature – not applicable

Freezing point – not available
Solubility (H₂O) – Insoluble
Oxidizing properties - no additional data
Flammability – not applicable

Section 10 – Chemical Stability & Reactivity Information

Chemical Stability - no additional data
Hazardous Reaction Potential - no additional data
Conditions to Avoid – no additional data
Incompatible Products – no additional data
Hazardous Decomposition Products – no additional data

Section 11 – Toxicological Information

Acute Toxicity – not classified
Eye irritation – not classified
Germ cell mutagenicity – not classified
Carcinogenicity – may cause cancer
Skin irritation - not classified
Respiratory - not classified

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IARC group	2A
National Toxicity Program (NTP) Statue	3

Reproductive toxicity– not classified
Specific target organ toxicity (single exposure) – not classified
Specific target organ toxicity (multiple exposure) – not classified

DISCLAIMER

Information presented herein has been compiled from information provided to us by our suppliers and other sources considered to be dependable and is accurate to the best of our knowledge and belief but is not guaranteed to be so.