



## 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**

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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.