

**SAFETY DATA SHEET****SILVER EBM**

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**SAFETY DATA SHEET****SILVER EBM****Section 1. Identification**

**GHS product identifier** : SILVER EBM  
**Chemical name** : Mixture  
**CAS number** : Mixture  
**Other means of identification** : CC10310231  
**Product type** : liquid

**Relevant identified uses of the substance or mixture and uses advised against**

**Product use** : Industrial applications. Plastics.

**Supplier's details** : **AVIENT CORPORATION**  
ColorMatrix Group Inc.  
680 North Rocky River Drive, Berea, Ohio, 44017-1628, USA  
  
+1 216 622 0100

**Emergency telephone number (with hours of operation)** : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

**Section 2. Hazards identification**

This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. However, some vapors or contaminants may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. See sections 8 and 11 for special precautions. After handling, always wash hands thoroughly with soap and water.

**OSHA/HCS status** :

**Classification of the substance or mixture** :

**GHS label elements**

**Signal word** : No signal word.  
**Hazard statements** : No known significant effects or critical hazards.

**Precautionary statements**

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General :  
 Prevention :  
 Response :  
 Storage :  
 Disposal :  
 Supplemental label elements :  
 Hazards not otherwise classified :

### Section 3. Composition/information on ingredients

Substance/mixture :  
 Chemical name : Mixture  
 Other means of identification : CC10310231

CAS number/other identifiers

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

Description of necessary first aid measures

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

Over-exposure signs/symptoms

Eye contact :  
 Inhalation :

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Skin contact :  
 Ingestion :

**Indication of immediate medical attention and special treatment needed, if necessary**

Notes to physician :  
 Specific treatments :

Protection of first-aiders :

See toxicological information (Section 11)

## Section 5. Fire-fighting measures

**Extinguishing media**

Suitable extinguishing media :  
 Unsuitable extinguishing media :

Specific hazards arising from the chemical :  
 Hazardous thermal decomposition products :

Special protective actions for fire-fighters :  
 Special protective equipment for fire-fighters :

## Section 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel :  
 For emergency responders :

Environmental precautions :

**Methods and materials for containment and cleaning up**

Small spill :  
 Large spill :

## Section 7. Handling and storage

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#### Precautions for safe handling

Protective measures :  
 Advice on general occupational hygiene :  
 Conditions for safe storage, including any incompatibilities :

### Section 8. Exposure controls/personal protection

#### Control parameters

##### Occupational exposure limits

Appropriate engineering controls :  
 Environmental exposure controls :

#### Individual protection measures

Hygiene measures :  
 Eye/face protection :

##### Skin protection

Hand protection :  
 Body protection :  
 Other skin protection :  
 Respiratory protection :

### Section 9. Physical and chemical properties

#### Appearance

Physical state : liquid [liquid]  
 Color : SILVER  
 Odor : Faint odor.  
 Odor threshold : Not available.  
 pH : Not available.  
 Melting point : Not available.  
 Boiling point : Not available.  
 Flash point : Not available.  
 Burning time : Not available.

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<b>Burning rate</b>	:	Not available.
<b>Evaporation rate</b>	:	Not available.
<b>Flammability (solid, gas)</b>	:	Not available.
<b>Lower and upper explosive (flammable) limits</b>	:	<b>Lower:</b> Not available. <b>Upper:</b> Not available.
<b>Vapor pressure</b>	:	Not available.
<b>Vapor density</b>	:	Not available.
<b>Relative density</b>	:	Not available.
<b>Solubility</b>	:	Not available.
<b>Solubility in water</b>	:	insoluble in water.
<b>Partition coefficient: n-octanol/water</b>	:	Not applicable.
<b>Auto-ignition temperature</b>	:	Not available.
<b>Decomposition temperature</b>	:	Not available.
<b>SADT</b>	:	Not available.
<b>Viscosity</b>	:	<b>Dynamic:</b> Not available. <b>Kinematic:</b> Not available.

#### Aerosol product

<b>Heat of combustion</b>	:	Not available.
<b>Ignition distance</b>	:	Not available.
<b>Enclosed space ignition - Time equivalent</b>	:	Not available.
<b>Enclosed space ignition - Deflagration density</b>	:	Not available.
<b>Flame height</b>	:	Not available.
<b>Flame duration</b>	:	Not available.

### Section 10. Stability and reactivity

<b>Reactivity</b>	:	
<b>Chemical stability</b>	:	
<b>Possibility of hazardous reactions</b>	:	
<b>Conditions to avoid</b>	:	
<b>Incompatible materials</b>	:	
<b>Hazardous decomposition products</b>	:	

### Section 11. Toxicological information

#### Information on toxicological effects

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**Acute toxicity**

**Conclusion/Summary** : Mixture.Not fully tested.

**Irritation/Corrosion**

**Conclusion/Summary**

**Skin** : Mixture.Not fully tested.  
**Eyes** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

**Sensitization**

**Conclusion/Summary**

**Skin** : Mixture.Not fully tested.  
**Respiratory** : Mixture.Not fully tested.

**Mutagenicity**

**Conclusion/Summary**

: Mixture.Not fully tested.

**Carcinogenicity**

**Conclusion/Summary**

: Mixture.Not fully tested.

**Reproductive toxicity**

**Conclusion/Summary**

: Mixture.Not fully tested.

**Teratogenicity**

**Conclusion/Summary**

: Mixture.Not fully tested.

**Specific target organ toxicity (single exposure)**

**Specific target organ toxicity (repeated exposure)**

**Aspiration hazard**

**Information on the likely routes of exposure** : Not available.

**Potential acute health effects**

**Eye contact** :  
**Inhalation** :

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Skin contact :  
 Ingestion :

**Symptoms related to the physical, chemical and toxicological characteristics**

Eye contact :  
 Inhalation :  
 Skin contact :  
 Ingestion :

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

Potential immediate effects : Not available.  
 Potential delayed effects : Not available.

**Long term exposure**

Potential immediate effects : Not available.  
 Potential delayed effects : Not available.

**Potential chronic health effects**

Conclusion/Summary : Mixture.Not fully tested.  
 General :  
 Carcinogenicity :  
 Mutagenicity :  
 Teratogenicity : Not available.  
 Developmental effects : Not available.  
 Fertility effects :

**Numerical measures of toxicity**

**Acute toxicity estimates**

**Other information** : This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

<b>Section 12. Ecological information</b>
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#### Toxicity

Conclusion/Summary : Not available.

#### Persistence and degradability

Conclusion/Summary : Not available.

#### Bioaccumulative potential

Not available.

#### Mobility in soil

Soil/water partition coefficient (KOC) : Not available.

Other adverse effects :

### Section 13. Disposal considerations

### Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water : Not regulated for transportation.

International Air ICAO/IATA : Not classified as dangerous goods under transport regulations.

International Water IMO/IMDG : Not classified as dangerous goods under transport regulations.

### Section 15. Regulatory information

U.S. Federal regulations :  
Clean Air Act Section 112(b) :  
Hazardous Air Pollutants (HAPs) :



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- Clean Air Act Section 602 Class I Substances :
- Clean Air Act Section 602 Class II Substances :
- DEA List I Chemicals (Precursor Chemicals) :
- DEA List II Chemicals (Essential Chemicals) :

**US. EPA CERCLA Hazardous Substances (40 CFR 302)**

not applicable

**SARA 311/312**

**Classification** : Not applicable.

**Composition/information on ingredients**

No products were found.

Not applicable.

**State regulations**  
**California Prop. 65**

**United States inventory (TSCA 8b)** : All components are active or exempted.

**Canada inventory** : All components are listed or exempted.

**International regulations**

**Inventory list**

- Australia** : All components are listed or exempted.
- Canada** : All components are listed or exempted.
- China** : All components are listed or exempted.
- Eurasian Economic Union** : **Russian Federation inventory:** Not determined.
- Japan** : **Japan inventory (CSCL):** Not determined.  
**Japan inventory (ISHL):** Not determined.
- New Zealand** : All components are listed or exempted.
- Philippines** : All components are listed or exempted.
- Republic of Korea** : All components are listed or exempted.
- Taiwan** : All components are listed or exempted.
- Thailand** : Not determined.
- Turkey** : Not determined.
- United States** : All components are active or exempted.
- Viet Nam** : Not determined.

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**Section 16. Other information****History**

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**Date of issue/Date of revision** : 03/19/2025  
**Date of previous issue** : 00/00/0000  
**Version** : 1.0

**Key to abbreviations** : ATE = Acute Toxicity Estimate  
BCF = Bioconcentration Factor  
GHS = Globally Harmonized System of Classification and Labelling of Chemicals  
IATA = International Air Transport Association  
IBC = Intermediate Bulk Container  
IMDG = International Maritime Dangerous Goods  
LogPow = logarithm of the octanol/water partition coefficient  
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)  
UN = United Nations

**References** : Not available.

**Notice to reader**

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