

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 1

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

### 1. Identification of the Substance/Mixture and of the Company/Undertaking

#### 1.1. Product Identifier

*Product Name:* Canada Balsam

*Article No.:* 62110

*UFI:* --

#### 1.2. Relevant identified Uses of the Substance or Mixture and Uses advised against

*Identified uses:*

Laboratory chemical  
Laboratory and analytical uses

*Uses advised against:*

#### 1.3. Details of the Supplier of the Safety Data Sheet (Producer/Importer)

*Company:* Kremer Pigmente GmbH & Co. KG

*Address:* Hauptstr. 41-47, 88317 Aichstetten, Germany

*Tel./Fax.:* Tel +49 7565 914480, Fax +49 7565 1606

*Internet:* www.kremer-pigmente.com

*E-Mail:* info@kremer-pigmente.com

*Importer:* --

#### 1.4. Emergency No.

*Emergency No.:* +49 7565 914480 (Mon-Fri 8:00 - 17:00)

#### 1.4.2 Poison Center:

### 2. Hazards Identification

#### 2.1. Classification of the Substance or Mixture

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

H226

Cat.: 3

Flammable liquids, hazard category 3  
Flammable liquid and vapour.

*Possible Environmental Effects:*

See Section 12.

#### 2.2. Label Elements

*Classification according to Regulation  
(EC) No. 1272/2008 (CLP/GHS)*

*Hazard designation:*



GHS02-1

*Signal word:*

Warning

*Hazard designation:*

Flammable liquid and vapour.

next page: 2

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 2

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

---

H226

*Safety designation:*

P210

Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.

P501

Dispose of contents/ container according to regional, national and international regulations.

*Hazardous components for labelling:*

2.3. **Other Hazards**

---

### 3. Composition/Information on Ingredients

3.1. **Substance**

3.2. **Mixture**

*Chemical Characterization:* Mixture of oleoresin acid and ethereal oils.

*Information on Components / Hazardous Ingredients:*

Canada balsam (H226)	100 %	CAS-Nr: 8007-47-4 EINECS-Nr: 232-362-2 EC-Nr:
----------------------	-------	---

---

*Additional information:*

*Exempted from the mandatory REACH Registration.*

---

### 4. First Aid Measures

4.1. **Description of the First Aid Measures**

*General information:*

*Seek medical attention in case of complaints.*

*After inhalation:*

*Supply fresh air and seek medical advice in case of complaints.*

*After skin contact:*

*Wash with soap and rinse with plenty of water.*

*After eye contact:*

*Rinse open eyes with plenty of water. In case of discomfort seek medical help.*

*After ingestion:*

*Immediately get medical help.*

4.2. **Most important Symptoms and Effects, both Acute and Delayed**

*Symptoms:*

*No further information available.*

*Effects:*

*No further information available.*

4.3. **Indication of any Immediate Medical Attention and special Treatment needed**

*Treatment:*

*No further information available.*

---

next page: 3

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 3

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

---

### 5. Fire-Fighting Measures

#### 5.1. Extinguishing Media

*Suitable extinguishing media:*

CO<sub>2</sub>, extinguishing powder, sand or earth.

*Unsuitable extinguishing media:*

Never apply a strong water jet.

#### 5.2. Special Hazards arising from the Substance or Mixture

*Special hazards:*

No information available.

#### 5.3. Advice for Firefighters

*Protective equipment:*

Wear self-contained respiratory protective device.

*Further information:*

Cool exposed containers with water spray.

---

### 6. Accidental Release Measures

#### 6.1. Personal Precautions, Protective Equipment and Emergency Procedures

*Personal precautions:*

Ensure adequate ventilation.

Wear appropriate protective equipment. Keep spectators away.

#### 6.2. Environmental Precautions

*Environmental precautions:*

Prevent contamination of soils, drains and surface water.

#### 6.3. Methods and Material for Containment and Cleaning Up

*Methods and material:*

Contain with absorbent material (sand, diatomaceous earth, universal absorbent, Oil Dri) and dispose accordingly.

#### 6.4. Reference to other Sections

Protective clothing, see Section 8.

---

### 7. Handling and Storage

#### 7.1. Precautions for Safe Handling

*Instructions on safe handling:*

Avoid the formation of aerosol.

*Hygienic measures:*

No further measures, see Section 8.

#### 7.2. Conditions for Safe Storage, including any Incompatibilities

*Storage conditions:*

Store in tightly sealed containers in a cool and well ventilated location.

Do not store together with food stuff and animal feed.

*Requirements for storage areas and containers:*

next page: 4

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 4

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

---

*Avoid pollution of soil.*

*Information on fire and explosion protection:*

*Combustible liquid.  
Keep away from sources of ignition.*

*Storage class:*

*3; Flammable liquids (TRGS 510)*

*Further Information:*

*Recommended storage temperature: 15 - 25°C*

### 7.3. Specific End Use(s)

*Further information:*

*No information available.*

---

## 8. Exposure Controls/Personal Protection

### 8.1. Parameters to be Controlled

*Parameters to be controlled (DE):*

*none known*

*Parameters to be controlled:*

*Derived No-Effect Level (DNEL):*

*Predicted No-Effect Concentration (PNEC):*

*Additional Information:*

### 8.2. Exposure Controls

*Technical protective measures:*

*No further measures, see Section 7.*

*Personal Protection*

*General protective measures:*

*Avoid contact with eyes.  
Do not eat, drink or smoke during work.*

*Respiratory protection:*

*In case of long-term or higher exposure.  
Respiratory equipment required in case of insufficient ventilation,  
filter type A-P2.*

*Hand protection:*

*Protective gloves (EN 374)*

*Protective glove material:*

*Nitrile rubber (> 480 min, 0.11 mm).*

*Eye protection:*

*Safety glasses with protective shields (EN 166).*

*Body protection:*

*Protective clothing.*

*Environmental precautions:*

next page: 5

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 5

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

### 9. Physical and Chemical Properties

#### 9.1. Information on Basic Physical and Chemical Properties

<i>Form:</i>	<i>highly viscous liquid</i>
<i>Color:</i>	<i>yellowish</i>
<i>Odor:</i>	<i>characteristic</i>
<i>Odor threshold:</i>	<i>no information available</i>
<i>pH-Value:</i>	<i>not determined</i>
<i>Melting temperature:</i>	<i>not determined</i>
<i>Boiling temperature:</i>	<i>not determined</i>
<i>Flash point:</i>	<i>43°C</i>
<i>Evaporation rate:</i>	<i>No information available.</i>
<i>Flammability (solid, gas):</i>	<i>not applicable</i>
<i>Upper explosion limit:</i>	<i>not determined</i>
<i>Lower explosion limit:</i>	<i>not determined</i>
<i>Vapor pressure:</i>	<i>not determined</i>
<i>Vapor density:</i>	<i>No information available.</i>
<i>Density:</i>	<i>ca. 0.98 g/cm<sup>3</sup> (20°C)</i>
<i>Solubility in water:</i>	<i>insoluble</i>
<i>Coefficient of variation (n-Octanol/Water):</i>	<i>not determined</i>
<i>Auto-ignition temperature:</i>	<i>No information available.</i>
<i>Decomposition temperature:</i>	<i>not determined</i>
<i>Viscosity, dynamic:</i>	<i>not determined</i>
<i>Explosive properties:</i>	<i>Product does not present an explosion hazard.</i>

next page: 6

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 6

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

---

*Oxidizing properties:*

*none*

*Bulk density:*

*not determined*

### 9.2. Further Information

*Solubility in solvents:*

*Viscosity, kinematic:*

*Burning class:*

*Solvent content:*

*Solid content:*

*Particle size:*

*Other information:*

*Flammable liquid.*

---

## 10. Stability and Reactivity

### 10.1. Reactivity

*Fire hazard.*

*When heated: vapors in combination with air can form an explosive compound.*

### 10.2. Chemical Stability

*Stable if used according to specifications.*

### 10.3. Possibility of Hazardous Reactions

*None if handled and stored according to specifications.*

### 10.4. Conditions to Avoid

*Conditions to avoid:*

*Avoid heat and sources of ignition.*

*Thermal decomposition:*

*No further information available.*

### 10.5. Incompatible Materials

*Strong oxidizing agents.*

### 10.6. Hazardous Decomposition Products

*None known.*

### 10.7. Further Information

---

## 11. Toxicological Information

### 11.1. Information on Hazard Classes as defined in Regulation (EC) No. 1272/2008

*Acute Toxicity*

*LD50, oral: > 5000 mg/kg (rat)*

*LD50, dermal: > 5000 mg/kg (rabbit)*

*LC50, inhalation:*

*No information available.*

*Primary effects*

next page: 7

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 7

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

---

*Irritant effect on skin:*

*Slight irritant effect.*

*Irritant effect on eyes:*

*Slight irritant effect*

*Inhalation:*

*No information available.*

*Ingestion:*

*No information available*

*Sensitization:*

*No sensitizing effects known.*

*Mutagenicity:*

*not determined*

*Reproductive toxicity:*

*No information available.*

*Carcinogenicity:*

*No relevant data found.*

*Teratogenicity:*

*No information available.*

*Specific target organ toxicity (STOT):*

*Repeated exposure: no organospecific toxicity expected.*

*Single exposure: no organospecific toxicity expected.*

*Aspiration hazard:*

*No risk of aspiration.*

### 11.2. Information on other Hazards

*Endocrine Disrupting Properties: no information available.*

---

## 12. Ecological Information

### 12.1. Aquatic Toxicity

*No information available.*

*Fish toxicity:*

*Daphnia toxicity:*

*Bacteria toxicity:*

*Algae toxicity:*

### 12.2. Persistency and Degradability

*No information available.*

### 12.3. Bioaccumulation

*No information available.*

### 12.4. Mobility

*Not easily eliminated from water.*

### 12.5. Results of PBT- und vPvP Assessment

*No data available.*

next page: 8

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 8

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

---

### 12.6. Endocrine Disrupting Properties

*Not listed.*

### 12.7. Other Adverse Effects

*Water hazard class:*

*2 (German Regulation) (Assessment by list): hazardous.*

*Behaviour in sewage systems:*

*Further ecological effects:*

*Do not let product enter waterways or sewage system.*

*AOX Value:*

---

## 13. Disposal Considerations

### 13.1. Waste Treatment Methods

*Product:*

*Dispose of according to official national and local regulations.*

*European Waste Code (EWC):*

*Uncleaned packaging:*

*Non-contaminated packaging may be recycled.*

*Waste Code No.:*

---

## 14. Transport Information

### 14.1. UN Number

*ADR, IMDG, IATA*

*1993*

### 14.2. UN Proper Shipping Name

*ADR/RID:*

*ENTZÜNDBARER FLÜSSIGER STOFF, N.A.G. (Kanada Diterpene), SV 274, 601*

*IMDG/IATA:*

*FLAMMABLE LIQUID, N.O.S. (Canada turpentine), SP 274, 601*

### 14.3. Transport Hazard Classes

*ADR Class:*

*3*

*Hazard no.:*

*3*

*Classification code:*

*F1*

*Tunnel restriction code:*

*D/E*

*IMDG Class (sea):*

*3*

*Hazard no.:*

*3*

*EmS No.:*

*F-E, S-E*

*IATA Class:*

*3*

*Hazard no.:*

*3*

### 14.4. Packaging Group

*ADR/RID:*

*III*

*IMDG:*

*III*

next page: 9

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 9

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

---

	<i>IATA:</i>	<i>III</i>
14. 5.	Environmental Hazards	<i>None</i>
14. 6.	Special Precautions for User	<i>none known</i>
14. 7.	Maritime Transport in Bulk according to IMO Instruments	<i>not applicable</i>
14. 8.	Further Information	<i>Special Provision: 274, 601</i>

---

### 15. Regulatory Information

#### 15. 1. Safety, Health and Environmental Regulations/Legislation specific for the Substance or Mixture

*Water hazard class:*

*2, hazardous for water (according to the German Regulation AwSV)*

*Local regulations on chemical accidents:*

*Seveso III:*

*Flammable liquids (P5c): Amount 1: 5000 t; Amount 2: 50000 t*

*Employment restrictions:*

*The employment restrictions for expectant and nursing mothers, and for young workers are to be observed.*

*Restriction and prohibition of application:*

*EC. REACH, Section XVII, Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles, Registered no. 3, 40.*

*Technical instructions on air quality:*

#### 15. 2. Chemical Safety Assessment

*A Chemical Safety Assessment has not been carried out for this product.*

*EC SVHC-List (REACH, Annex XIV): not listed*

#### 15. 3. Further Information

*Decopaint Directive (2004/42/EC):*

*VOC Content: 100 %*

*Directive 2010/75/EC on Industrial Emissions:*

*VOC Content: 100 %*

*Regulation (EC) 649/2012 concerning the export and import of dangerous chemicals: Not applicable*

*RoHS Directive 2011/65/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHs): not listed.*

*Regulation (EC) 1005/2009 - Substances that Deplete the Ozone Layer: not regulated / not applicable*

*Regulation (EC) 850/2004 - Persistent Organic Pollutants and amending Directive 79/117/EEC: not regulated / not applicable*

*Regulation (EC) 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors: not forbidden and/or not restricted*

*Listed in the following inventories:*

next page: 10

# Safety Data Sheet

According to regulation (EC) No. 1907/2006 (REACH)



## 62110 Canada Balsam

Page 10

Revised edition: 16.09.2022

Version: 3

Printed: 31.10.2023

---

*EINECS (232-362-2), TSCA (US), AICS (AUS), DSL (CA), PICCS (PH), KECI (KR), IECSC (CN), NZloc (NZ), TCSI (TW)*

---

### 16. Other Information

*This product should be stored, handled and used in accordance with good hygiene practices and in conformity with any legal regulations. This information contained herein is based on the present state of knowledge and is intended to describe our product from the point of view of safety requirements. It should be therefore not be construed as guaranteeing specific properties.*