

Material Safety Data Sheet

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



62110 Canada Balsam

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Revised edition: 29.02.2012

Version: 2

Printed: 14.03.2014

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

1.1. Product Identifier

Product Name: Canada Balsam

Article No.: 62110

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

Identified uses:

Uses advised against:

1.3. Details of the Supplier of the Safety Data Sheet

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.de

EMail: info@kremer-pigmente.de

1.4. Emergency No.

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

2. Hazards Identification

2.1. Classification of the Substance or Mixture

Classification according to EC Regulation 1272/2008

Flammable liquids, category 3
Acute toxicity (dermal), hazard category 4
Skin irritation, category 2

H226 Flammable liquid and vapour.

Cat.: 3

H312 Harmful in contact with skin.

Cat.: 4

H315 Causes skin irritation.

Cat.: 2

Classification according to EC Regulation No. 67/548 or No. 1999/45

Harmful (Xn) R10 Flammable.

R20 Harmful by inhalation.

R21 Harmful in contact with skin.

Irritating (Xi) R38 Irritating to skin.

Safety Phrases:

Possible Environmental Effects:

See Section 12.

2.2. Label Elements

Classification according to EC Regulation 1272/2008

Hazard designation:

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GHS02-1



GHS07

Signal word:

Warning

Hazard designation:

H226 Flammable liquid and vapour.
H312 Harmful in contact with skin.
H315 Causes skin irritation.

Safety designation:

P102 Keep out of reach of children.
P210 Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P264 Wash thoroughly after handling.
P280 Wear protective gloves/ clothing/ eye/ face protection.
P302+P352 If on skin: Wash with soap and water.
P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P321 Specific treatment (see label).
P362 Take off contaminated clothing and wash before reuse.
P370+P378 In case of fire: Use sand, dry extinguishing powder or foam for extinction.
P403+P235 Store in a well ventilated place. Keep cool.
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.

Hazardous Ingredients:

Canada balsam (R10-20/21-38; H226-312-315)	100 %	CAS-Nr: 8007-47-4 EINECS-Nr: 232-362-2 EC-Nr:
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Additional information:

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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.

5. Fire-Fighting Measures

5.1. Extinguishing Media

Suitable extinguishing media:

CO₂, 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.

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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:

Avoid pollution of soil.

Information on fire and explosion protection:

Combustible liquid.

Keep away from sources of ignition.

Storage class (VCI):

3: Flammable liquids

Further Information:

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 (EC):

Derived No-Effect Level (DNEL):

Predicted No-Effect Concentration (PNEC):

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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.

Hand protection:

Protective gloves (EN 374)

Protective glove material:

Eye protection:

Safety glasses with protective shields (EN 166).

Body protection:

Protective clothing.

Environmental precautions:

9. Physical and Chemical Properties

9.1. Information on Basic Physical and Chemical Properties

Form: *highly viscous liquid*

Color: *yellowish*

Odor: *characteristic*

Odor threshold: *No information available.*

pH-Value: *not determined*

Melting temperature: *not determined*

Boiling temperature: *not determined*

Flash point: *43°C*

Evaporation rate: *No information available.*

Flammability (solid, gas): *not applicable*

Upper explosion limit: *not determined*

Lower explosion limit:

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not determined

Vapor pressure:

not determined

Vapor density:

No information available.

Density:

0.98 - 1 g/cm³ (20°C)

Solubility in water:

insoluble

Coefficient of variation (n-Octanol/Water):

not determined

Auto-ignition temperature:

No information available.

Decomposition temperature:

not determined

Viscosity, dynamic:

not determined

Explosive properties:

not available

Oxidizing properties:

no information available

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.

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:

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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 Toxicological Effects

Acute Toxicity

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

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

LC50, inhalation:

No information available.

Primary effects

Irritant effect on skin:

Slight irritant effect.

Irritant effect on eyes:

Slight irritant effect

Inhalation:

No information available.

Ingestion:

No information available

Sensitization:

May cause sensitization.

Mutagenicity:

not determined

Reproductive toxicity:

No information available.

Carcinogenicity:

No data available.

Teratogenicity:

No information available.

Specific target organ toxicity (STOT):

No data available.

Additional toxicological information:

12. Ecological Information

12. 1. Aquatic Toxicity

No information available.

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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.

12.6. Other Adverse Effects

Water hazard class:

1, slightly 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:

Uncontaminated 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.
(Terpenkohlenwasserstoff)*

IMDG/IATA:

FLAMMABLE LIQUID, N.O.S.(Terpenoid hydrocarbon, terpene)

14.3. Transport Hazard Classes

ADR Class:

3

Hazard no.:

3

Classification code:

F1

Tunnel no.:

D/E

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	<i>IMDG Class (sea):</i>	3
	<i>Hazard no.:</i>	3
	<i>EmS No.:</i>	F-E, S-E
	<i>IATA Class:</i>	3
	<i>Hazard no.:</i>	3
14. 4.	Packaging Group	
	<i>ADR/RID:</i>	III
	<i>IMDG:</i>	III
	<i>IATA:</i>	III
14. 5.	Environmental Hazards	
		None
14. 6.	Special Precautions for User	
		none known
14. 7.	Transportation in Bulk according to Annex II of MARPOL 73/78 and IBC-Code	
		not applicable
14. 8.	Further Information	

15. Regulatory Information

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

Water hazard class:

1, slightly hazardous for water

Local regulations on chemical accidents:

Appendix II: not listed

Employment restrictions:

Restriction and prohibition of application:

Technical instructions on air quality:

15. 2. Chemical Safety Assessment

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

15. 3. Further Information

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. This Safety Data Sheet replaces that of 17.03.2011.