

1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER

Trade name: KEMPLAST

Chemical Formula: Non-applicable

Supplier/Manufacture Name: VostokPolimerKhim
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2. HAZARD IDENTIFICATION

2.1 Classification of substance or mixture:

CLP Regulation (EC) №1272/2008:

Serious eye damage/Eye irritation, Category 2.

2.2 Label elements:

CLP Regulation (EC) №1272/2008:

Warning



Hazard statements:

H319: May cause serious eye irritation.

Precautionary statements:

P264: Wash hands thoroughly after handling.

P280: Wear eye protection/face protection.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Components:

In accordance with Annex II of Regulation (EC) № 1907/2006, product contains:

Identification	Chemical name/Classification		Concentration
	Regulation 1272/2008		
CAS: 63393-89-5 EC: 613-209-2	Coumarone-indene resin	H319; Eye Irrit. 2	100%

4. FIRST-AID MEASURES**4.1 Description of first aid measures:***Ingestion:*

The symptoms resulting from intoxication can appear after exposure, therefore, in case of doubt, seek medical attention showing the SDS of the product. In the case of lost of consciousness do not administrate anything orally. Rinse out the mouth and throat.

Inhalation:

Remove victim to fresh air. In serious cases such as cardiorespiratory failure, artificial resuscitation techniques will be necessary (mouth to mouth resuscitation, cardiac massage, oxygen supply, etc.) requiring immediate medical assistance.

Skin contact:

Remove contaminated clothing and footwear, rinse skin or shower the person affected with plenty of cold water and neutral soap. In serious cases see a doctor.

Eye contact:

Rinse eyes thoroughly with water for at least 15 minutes. Do not allow the person affected to rub or close eyes. If the injured person uses contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In all cases, after cleaning, a doctor should be consulted.

4.2 Most important symptoms and effects, both acute and delayed:

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indication of any immediate medical attention and special treatment needed:

Non-applicable.

5. FIRE-FIGHTING MEASURES**5.1 Extinguishing media:**

Preferably use polyvalent powder extinguishers (ABC powder), alternatively use foam or carbon dioxide extinguishers (CO₂). It is not recommended to use tap water as an extinguisher.

5.2 Special hazard arising from the substance or mixture:

As a result of combustion or thermal decomposition reactive sub-products (carbon monoxide, carbon dioxide and unburned hydrocarbons) are created that can become highly toxic and can present a serious health risk.

5.3 Advice for firefighters:

Depending on the magnitude of the fire it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (fire blankets, portable first aid kit,...) in accordance with Directive 89/654/EC.

Act in accordance with the Internal Emergency Plan and the Information Sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions:

Isolate leaks if there is no additional risk for the people performing this task. Personal protective equipment must be used against potential contact with the spilled product.

6.2 Environmental precautions:

The product is not classified as dangerous for the aquatic environment. Keep away from drains, surface and underground waters.

6.3 Methods for cleaning up:

Sweep up and shovel product and place in container for reuse (preferred) or disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Comply with the current legislation concerning prevention of the industrial risks. Keep containers hermetically sealed. Control spills and residues. Maintain order and cleanliness where goods are used.

Do not eat, drink or smoke during the production process. Wash hands afterwards.

7.2 Conditions for safe storage:

Store in a dry, cool and well-ventilated place.

Avoid sources of heat and open flames, contact with food, protect from precipitation.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Substance which occupational exposure limits have to be monitored in the work environment.

DNEL:

Not established.

8.2 Exposure controls:

General hygiene:

In accordance with the order of importance to control professional exposure it is recommended to use localized extraction in the work area as a collective protection measure to avoid exceeding the professional exposure limits. All information contained herein is a recommendation which needs some specification from the labour risk prevention services as it is not known whether the company has additional measures at its disposal.

Respiratory protection:



The use of protection equipment will be necessary if a mist forms or if the professional exposure limits are exceeded.

Specific protection for the hands:



Mandatory non-disposable chemical protective gloves.

Ocular and facial protection:



Mandatory face protection, face mask. Clean daily and disinfect periodically.

Other protective equipment: complete body protection, safety footwear.

Additional emergency measures: emergency shower, eyewash station.

Environmental exposure control:

Avoid environmental spillage of both the product and container.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Solid substance in form of flakes
Colour:	Dark brown to black
Odor:	Specific
pH	Not specified
Humidity:	Non-applicable
Evaporation rate:	Not specified
Vapor density:	Not specified
Vapor pressure (20 °C):	Not specified
Boiling point:	Not specified
Freezing point:	Not specified
Flash point:	>180 °C
Autoignition temperature:	>414 °C
Solubility in water:	Not specified
Particle sizes:	Non-applicable
Oxidizing properties:	Non-applicable
Density:	Not specified
Dynamic viscosity:	Non-applicable

10. STABILITY AND REACTIVITY

10.1 Reactivity:

No hazardous reactions are expected if the technical instructions of storage are followed.

10.2 Stability:

Stable under the conditions of storage, handling and use.

10.3 Possibility of hazardous reactions:

Under the specified conditions, hazardous reactions that lead to excessive temperature or pressure are not expected.

10.4 Conditions to avoid:

Direct sunlight, open flames.

10.5 Material with which substance is incompatible:

Avoid alkalis or strong bases.

10.6 Hazardous decomposition products:

Depending on the decomposition, complex mixtures of chemical substances can be released: carbon dioxide (CO₂), carbon monoxide and other organic compounds.

11. TOXICOLOGICAL INFORMATION**11.1 Information on toxicological effects:***Acute toxicity:*

LD50 (oral, rat) > 16 000 mg/kg

Effects of long-term exposure:

Prolonged exposure may cause skin irritation.

Irritancy:

May cause serious eye irritation.

Carcinogenicity:

Based on the classification data, the classification criteria are not met.

Bioaccumulation:

Based on the classification data, the classification criteria are not met.

Mutagenicity:

Based on the classification data, the classification criteria are not met.

Reproductive toxicity:

Based on the classification data, the classification criteria are not met.

Aspiration hazard:

Based on the classification data, the classification criteria are not met.

Sensitizing effect:

Based on the classification data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION**12.1 Toxicity:**

Not established.

12.2 Persistence and degradability:

Not available

12.3 Bioaccumulative potential:

Low

12.4 Mobility in soil:

Not available

12.5 Results of PBT and vPvB effects:

Non-available

12.6 Other adverse effects:

Not described

13. DISPOSAL CONSIDERATIONS

Product residues and uncleaned empty containers should be packaged, sealed, labelled, and disposed of or recycled. Where large quantities are concerned, consult the supplier. Recycle or dispose of in accordance with prevailing regulations, by a recognised collector or contractor. The competence of the contractor to deal satisfactorily with this type of product should be established beforehand.

Dispose the product and any by-products in accordance with the requirements of environmental protection, waste disposal legalization and the requirements of the local authorities.

14. TRANSPORT INFORMATION

Transported in accordance with the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), the Regulations of the International Carriage of Dangerous Goods by Rail (RID), of the International Maritime Dangerous Goods (IMDG Code), by the European agreement Concerning the International Carriage of Dangerous goods by Inland Waterways (ADN) and Annex 2 Rules of transportation of dangerous goods to the Agreement on International Goods Transport (SMGS).

IMDG:

UN number: Not classified as a dangerous cargo.

PSN:

Class:

Subsidiary risk (s):

Packing group:

Special provision:

RID:

UN number: Not classified as a dangerous cargo.

Class

Classification code:

Packing instructions:

Special packing provisions:

Special provision:

IATA:

UN number Not classified as a dangerous cargo.

Packing group:

Passengers and cargo aircraft

EQ

Packing instruction:

Maximum net quantity per packing:

Only cargo aircraft:

Packing instruction:

Maximum net quantity per packing:

ERG Code

15. REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

REGULATION (EU) №649/2012, in relation to the import and export of hazardous chemical products: Non-applicable.

Active substances for which a decision of non-inclusion onto Annex I (Regulation (EU) №528/2012): Non-applicable.

Regulation (EC) 1005/2009, about substances that deplete the ozone layer: Non-applicable

Substances included in Annex XIV of REACH ("Authorisation List") and sunset date: Non-applicable.

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH): Non-applicable.

15.2 Chemical safety assessment:

None.

16. OTHER INFORMATION INCLUDING INFORMATION ON PREPARATION AND REVISION OF THE SDS

Text of legislative phrases mentioned in section 3:

The phrases indicated do not refer to the product itself; they are present for informative purposes and refer to the individual components.

CLP Regulation (EC)№ 1272/2008:

None.

DEFINITION OF TERMS

Definition of abbreviations used in MSDS:

IMDG	International Maritime Dangerous Goods Code.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ICAO	International Civil Aviation Organization
IATA	International Air Transport Association
LD50	Lethal dose 50
CL50	Lethal concentration 50

The information provided on this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

...END OF SDS...