



Material Safety Data Sheet	Glue "Diamant Classic" E-1005 – liquid epoxy two-component system	Total Pages 6
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1. IDENTIFICATION OF CHEMICAL PRODUCTS AND INFORMATION ON THE MANUFACTURER AND / OR SUPPLIER

Technical name	Glue "Diamant Classic" E-1005 – liquid epoxy two-component system
Brief recommendations for use	The glue is used for reliable filling of cracks and large pores of natural and artificial stones, limestone, concrete blocks. Significantly enhances the natural color of the stone. The glue is used for coating systems and products used indoors and outdoors.
Name of the organization	Limited Liability Company "Anturazh"
Address	141420, Russian Federation, Moscow region, Khimki, Skhodnya microdistrict, st. Nekrasova, house 2, building 77, floor 4, part of the room 23
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Web-site	

2. GHS HAZARD IDENTIFICATION

Classification	<p>Component A:</p> <ul style="list-style-type: none"> - chemical products causing skin corrosion/irritation, class 2 - chemical products causing serious eye damage/eye irritation, class 2A - chemical products causing skin sensitization, class 1 - chemical products posing a hazard to the aquatic environment with long-term exposure (chronic toxicity), class 2 <p>Component B:</p> <ul style="list-style-type: none"> - chemical products with acute toxicity if swallowed, class 4 - chemical products with acute toxicity in contact with skin, class 4 - chemical products causing skin corrosion/irritation, class 2 - chemical products causing serious eye damage/eye irritation, class 2A - chemical products causing skin sensitization, class 1 - chemical products posing a hazard to the aquatic environment with long-term exposure (chronic toxicity), class 1
Warning marking	
Signal word	Components A and B: Warning
Hazard symbols	<p>Components A and B:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>«Exclamation mark»</p> </div> <div style="text-align: center;">  <p>«Environment»</p> </div> </div>
H-phrases	<p>Component A:</p> <p>H315: Causes skin irritation H319: Causes serious eye irritation H317: May cause an allergic skin reaction H411: Toxic to aquatic life with long lasting effects</p> <p>Component B:</p> <p>H302: Harmful if swallowed H312: Harmful in contact with skin H315: Causes skin irritation H319: Causes serious eye irritation H317: May cause an allergic skin reaction H410: Very toxic to aquatic life with long lasting effects</p>

P-phrases

Component A:

P261: Avoid breathing vapors.
P264: Wash hands thoroughly after handling.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves, eye protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313: If skin irritation or rash occurs: Get medical advice.
P337+P313: If eye irritation persists: Get medical attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P391: Collect spillage.

Component B:

P261: Avoid breathing vapors.
P264: Wash hands thoroughly after handling.
P270: Do not eat, drink or smoke while using this product.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves, eye protection.
P301+P312: IF SWALLOWED: Call a doctor if you feel unwell.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a doctor if you feel unwell.
P330: Rinse mouth.
P333+P313: If skin irritation or rash occurs: Get medical attention.
P337+P313: If eye irritation persists: Get medical attention.
P362+P364: Take off contaminated clothing and wash it before reuse.
P391: Collect spillage.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component (INCI)	Concentration (%)	Number CAS	Number EC
Component A:			
Polymer of 4,4'-(1-methylethylidene) bisphenol with chloromethyloxirane	85	25068-38-6	500-033-5
Benzenemethanol	15	100-51-6	202-859-9
Component B:			
Polyethylenepolyamines	100	68131-73-7	268-626-9

4. FIRST AID MEASURES

In case of contact with eyes	Gently flush eyes with running water for several minutes. Remove contact lenses if you are using them and if it is easy to do. Continue rinsing the eyes. Seek medical attention.
When exposed to skin	Remove excess substance with a cotton swab and rinse with running water. Seek medical attention if necessary.
If swallowed	Rinse your mouth with water, drink plenty of water, activated charcoal, saline laxative. Do not induce vomiting! Seek medical attention.
Inhalation	Fresh air, peace, heat. Seek medical attention if necessary.
Most important symptoms	In case of skin contact: redness, dryness, itching, pain.
Potential Hazardous Effects	In case of eye contact: lacrimation, redness, pain. If swallowed: pain in the abdomen, nausea, vomiting, diarrhea. Inhalation: headache, lacrimation, sneezing, sore throat, cough, burning eyes, irregular breathing.

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5. FIRE FIGHTING MEASURES

Flammability	Combustible substance.
Thermal degradation products	During combustion and thermal degradation, toxic carbon oxides are formed. Carbon monoxide disrupts the transport and transfer of oxygen to tissues, oxygen deficiency of the body develops. Symptoms of poisoning: headache, dizziness, blurred vision, nausea, vomiting, loss of consciousness. Carbon dioxide in a fire causes increased breathing and increased pulmonary ventilation, has a vasodilating effect. Symptoms of poisoning: increased heart rate, increased blood pressure, migraine pain, headache, dizziness, lethargy, loss of consciousness.
Fire and explosion safety	Ignition temperature: Component A: 254 °C; Component B: 121 °C.
Extinguishing Methods	Sprayed water, air-mechanical foam.
Extinguishing Specificity	Extinguish from a safe distance, observing safety precautions, cool containers with finely sprayed water. Firefighter's combat clothing (jacket and trousers with removable insulating linings) complete with a lifeguard belt, mittens or gloves, a fire helmet, and special protective shoes.

6. MEASURES IN CASE OF ACCIDENTAL RELEASE/LEAKAGE

Individual precautions	Isolate the danger zone within a radius of at least 50 m. Enter the accident zone in protective clothing and a breathing apparatus. Remove strangers. Observe fire safety measures. No smoking. Provide first aid to the injured.
Environmental precautions	Maximum sealing of containers, communications and other equipment; periodic monitoring of the content of harmful substances in the air of the working area; air purification of industrial premises to established standards before discharge into the atmosphere. Do not allow product to enter waterways, soil, sewers.
Contamination and cleaning	Repair the leak with precautions. Pump the contents into a serviceable container or into a container for draining in compliance with the conditions for mixing liquids. In case of intense leakage, protect with an earthen rampart. Cut off the surface layer of soil with pollution, collect and take out for disposal in compliance with safety measures. Cover the cuts with a fresh layer of soil. Call experts in neutralization. Do not allow the substance to enter waterways, basements, sewers.

7. HANDLING AND STORAGE

Precautions and safe handling	When manufacturing products, the premises must be equipped with supply and exhaust ventilation to ensure the purity of the air in the working area. Observe safety and fire safety regulations, use explosion-proof equipment. It is unacceptable to find open flames in working and storage rooms, use sources of heat and ignition. Do not smoke, drink or eat while handling the product. Wash hands thoroughly after work. Observe personal hygiene.
Precautionary measures	Avoid contact with eyes. Do not inhale. Do not swallow. Do not apply to wounds and mucous membranes.
Safe storage	The components are poured into metal cans made of white or chrome plated tin, as well as into other types of packaging that protect the product from damage during transportation by any covered transport and during storage. The necks of the cans are closed with lids, which are sealed using gaskets made from materials that are resistant to the effects of the product. Products are stored in covered, dry rooms, at temperatures from plus 5 °C to plus 30 °C, at a distance of at least 1 m from heating devices in conditions that exclude the action of aggressive environments. Storage near open fire and direct sunlight is not allowed. Shelf life – 12 months from the date of manufacture.

8. INDIVIDUAL PROTECTION MEANS

Individual protection	When manufacturing products, the premises must be equipped with supply and exhaust ventilation to ensure the purity of the air in the working area. Equipment and containers must be airtight.
Equipment	
Control	

Individual protection means

When working, it is necessary to use personal protective equipment: filtering respirators, rubber gloves, safety glasses, work clothing.

Eye protection



Respiratory Protection



Hand skin protection



Special tools

Absent

9. PHYSICAL AND CHEMICAL PROPERTIES

Specifications	Component A:	Component B:
Appearance	Colorless transparent liquid	Light yellow transparent liquid
Odour	Light	Expressed
pH	6 – 8	11.7
Freezing temperature, °C	Minus 16	Undefined
Initial boiling point, °C	207	260
Relative density at 25 °C, g/cm ³	1.16	0.948
Viscosity at 25 °C, Pa·s	11.5 – 13.5	9.5

10. STABILITY AND REACTIVITY

Chemical stability

The product is chemically stable under normal conditions of storage, transportation and use.

Solubility

Component A: insoluble in water.
Component B: soluble in organic solvents.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

For products in general, data are not available.
Toxicological information is indicated by component:

Benzenemethanol:

LD₅₀ (oral, rat) = 1620 mg/kg
LD₅₀ (dermal, rabbits) > 2000 mg/kg
LC₅₀ (inhalation, rat, 4 h) > 4178 mg/m³

Polyethylenepolyamines:

LD₅₀ (dermal, rabbits) > 2000 mg/kg

Respiratory or skin sensitization

May cause an allergic skin reaction.

Mutagenicity

There is no data indicating that the product or any components present in an amount of more than 0.1% are mutagenic or genotoxic.

Carcinogenicity

No component of this product present at levels greater than or equal to 0,1 % is classified as probable, possible or confirmed human

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Reproductive toxicity	carcinogen by IARC.
Specific target organ toxicity - single exposure	Products do not have reproductive toxicity.
Specific target organ toxicity - repeated exposure	Not classified as specific target organ toxicant.
Aspiration hazard	Not classified as specific target organ toxicant.
Chronic effects	Not classified as presenting an aspiration hazard.
	No information

12. ENVIRONMENTAL INFORMATION

Aquatic microorganisms	There are no indicators of ecotoxicity in general for product. Ecotoxicity information is indicated by component: <i>Benzenemethanol:</i> LC ₅₀ (fish, 96 h) = 460 mg/l EC ₅₀ (daphnia, 48 h) = 230 mg/l IC ₅₀ (algae, 72 h) = 770 mg/l <i>Polyethylenepolyamines:</i> LC ₅₀ (fish, 96 h) > 100 mg/l EC ₅₀ (daphnia, 48 h) = 2.2 mg/l IC ₅₀ (algae, 72 h) = 0.5 mg/l
Persistence and degradability	No information
Bioaccumulation potential	No information
Soil mobility	No information
Other adverse effects	No other adverse environmental impacts (eg ozone depletion, endocrine disruption, global warming potential) are expected from the product.

13. WASTE MANAGEMENT

Wastes of production are neutralized in accordance with sanitary norms and rules approved in the established manner.
Recycling and disposal of waste in the production process by agreement with a company that has a license for waste disposal.

14. TRANSPORT INFORMATION

14.1 Number UN	3082
14.2 Proper shipping and transport names	<i>Shipping Name:</i> ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. <i>Transport Name:</i> Glue "Diamant Classic" E-1005 – liquid epoxy two-component system
14.3 Types of transport risks	
<i>International Civil Aviation Organization/ International Air Transport Association (ICAO / IATA)</i>	
Danger / Class / Division	
Environmental hazards	
Signs	9L
<i>International Maritime Dangerous Goods Code (IMDG)code</i>	
Danger / Class / Division	
Danger to the aquatic environment	
Signs	F-A S-F
<i>The Intergovernmental Organisation for International Carriage by Rail(MKMPOG) /European agreement concerning the transport of dangerous goods (DOPOG)</i>	
Danger / Class / Division	Class – 9
Signs	9
Code	M6
14.4 Group packing	III

14.5 Environmental risks

Toxic to aquatic life with long lasting effects.

14.6 *Environmental risks with the app. II to the International Convention for the prevention of pollution from ships (MARPOL) 73/78 и code International Code for the Construction and Equipment of Ships, Carriers Dangerous Chemicals in Bulk (MRG)*

Does not concern

14.7 Special precautions

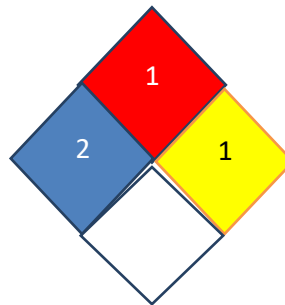
Absent

15. REGULATORY INFORMATION

HMIS

HEALTH	2
FLAMMABILITY	1
PHYSICAL HAZARD	1
PERSONAL PROTECTION	F

NFPA



REACH

GHS

MDGC

ICAO/IATA

Application II MARPOL 73/78

RID

ADR

16. ADDITIONAL INFORMATION

We believe that the information contained here is current as of the date of this Material Safety Data Sheet and is offered in good faith. Since the use of this information and these opinions and terms of use of the product are not under control LLC "Anturazh", user obligation to determine the conditions for the safe use of the product.

Gathered information:

LLC "Anturazh"

Actual date:

21.12.2023

Disclaimer:

The information provided in this Material Safety Data Sheet is based on data that is believed to be accurate at the date of preparation of this Material Safety Data Sheet. No liability is accepted for any damage or injury caused by abnormal use or due to non-compliance with recommended practices. The above information and the product are provided provided that the person receiving them must make their own determination as to the suitability of the product for their specific purpose and provided that they accept the risk of their use. In addition, no permission is granted or implied for the application of any patented invention without a license. The above information is believed to be accurate and reflect the information available to the manufacturer. However, this does not entail a guarantee for all the specific characteristics of the goods and does not serve as a basis for the emergence of contractual relations from a legal point of view. Current laws and regulations must be respected by the manufacturer's successor under his responsibility.

**General director
LLC "Anturazh"**

/ Tyunkov S.V. /

Print place

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