



# ISOLLAT-03 MSDS

Official Gazette number 29204 dated December 13, 2014 and published on hazardous substances and mixtures have been prepared in accordance with the Regulations on the safety data sheet  
Release Date: 15/01/2020 versiyo: 0.0-x

## Section 1: Identification of the substance and of the company

### 1.1. product identifier

Type of chemical compounds: A mixture of

Tradename : Isollat-03

### 1.2. Applications of the product

Applications: thermal insulation coating with flame retardant additives for industrial, boilers, water heaters.

### 1.3. Details of the supplier of the safety data sheet

LLC "Spetsteh"  
Sverdlovsk region, Berezhovsky  
Ul.Chapaeva, 39/35, 623704, RUSSIA  
Phone: (343) 345-27-26, (343) 345-27-28, (343) 385-87-  
87info@specialtech.ru

### 1.4. Nomer phone in emergency situations

| The country | Konsultivny body, enterprise | Address  | Emergency telephone |
|-------------|------------------------------|--|---------------------|
| Russia      | LLC "Spetsteh"               | Sverdlovsk region, Berezhovsky<br>Ul.Chapaeva, 39/35, 623704 | (343) 345-27-27     |

## Section 2: Hazards Identification

### 2.1. Of the substance or mixture

According to the regulations of the European Union (EU) number 1272/2008

The product is not classified.

Adverse human health and the environment of physical and chemical conditions

According to our information, this material does not pose a particular risk, provided that the general industrial hygiene regulations.

### 2.2. Label elements

According to the regulations of the European Union (EU) number 1272/2008

The product is not subject to labeling

### 2.3. Other hazards

**Other hazards which do not result in classification**

No further information

## SECTION 3: Composition (Information on Ingredients)

### 3.1. substances

Not applicable

### 3.2. mixtures

| Title                  | product identifier | %        | Classification in accordance with Regulation №1272 / 2008 |
|------------------------|--------------------|----------|---|
| Acrylic acid ester     | CAS-№: 25085-34-1  | 20-34,5  | not classified  |
| Isolated solids        | not classified     | 10-30    | not classified  |
| Water                  | CAS-№: 7732-18-5   | 10-20    | not classified  |
| Titanium dioxide       | CAS-№: 13463-67-7  | 0.5-1.0  | not classified  |
| ammonium polyphosphate | CAS-№: 68333-79-9  | 1-7,0    |   |
| pentaerythritol        | CAS-№: 115-77-5    | 1-7,0    |   |
| additives              | not classified     | 0.01-0.5 | not classified  |



## ISOLLAT-03 MSDS

Official Gazette number 29204 dated December 13, 2014 and published on hazardous substances and mixtures have been prepared in accordance with the Regulations on the safety data sheet

Release Date: 15/01/2020 versiy: 0.0-x

### SECTION 4: First Aid Measures

#### 4.1. Description of first aid measures

|                               |  |
|-------------------------------|--|
| First aid after inhalation:   | Remove victim from contaminated area to fresh air.   |
| First aid after skin contact: | Wash with soapy water  |
| First aid after eye contact:  | Immediate and thorough rinsing with water, keeping his eyes wide open<br>If irritation persists, consult an ophthalmologist. |
| First aid after ingestion:    | Rinse mouth with water<br>Give to drink plenty of water<br>If necessary, consult a doctor.                                   |

#### 4.2. The most important, both acute and delayed symptoms and effects

No further information

#### 4.3. Indications on the immediate medical attention and special treatment

Symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1. Fire-fighting equipment

|                                |  |
|--------------------------------|--|
| Suitable extinguishing agents  | : Water spray, foam, dry powder, carbon dioxide. |
| Unsuitable extinguishing media | : Water cannon.                                  |

#### 5.2. Osoby hazards arising from the product

|             |   |
|-------------|---|
| Fire danger | : As a result of the combustion or thermal decomposition allocated toxic gases. |
|-------------|---|

#### 5.3. Advice for firefighters

|                 |   |
|-----------------|---|
| fire Protection | : Do not take any action without proper protective equipment.<br>Full body protection<br>Use insulating respirator. |
|-----------------|---|

### SECTION 6: Measures for the prevention and elimination of accidents and emergencies and their consequences

#### 6.1. Personal precautions

##### 6.1.1. Do not prepared for emergency response personnel

|                    |   |
|--------------------|---|
| Emergency measures | : Denied access to unqualified personnel source of ignition. Use protective clothing. Avoid contact with skin and eyes. |
|--------------------|---|

##### 6.1.2 Rescue service

|                 |  |
|-----------------|--|
| protective gear | : Recommended personal protective equipment. Wear suitable protective clothing, gloves and goggles or a face mask.<br>: Ventilate spill area. Evacuate people. Define the boundaries of the contaminated area with signs and prevent unauthorized access to all the staff.<br>: In the case of powder: Safety glasses. Respirator. Use a respirator. |
|-----------------|--|

#### 6.2. environmental protection measures

Prevent the spread of substances in the environment.

#### 6.3. Methods and material for purifying and

|                         |   |
|-------------------------|---|
| To limit the spread     | : Collect spilled material in sand, earth, vermiculite. Placed in a container provided with a label and begin to eliminate in a safe environment. |
| methods for cleaning up | : Destroy contaminated material in accordance with the requirements of applicable laws and regulations. Wash irremovable residue with water.      |

#### 6.4. Reference to other sections

For more information, see chapter 13.

### SECTION 7: Handling and Storage

#### 7.1. Precautions for safe handling

|                               |   |
|-------------------------------|---|
| Precautions for safe handling | : Ensure good ventilation at the workplace. Use personal protective equipment. Avoid dust formation. Avoid contact with skin from prolonged and repeated contact. Not spray in the direction of a flame or other ignition source. Avoid accumulation of electrostatic charges |
|-------------------------------|---|



## ISOLLAT-03 MSDS

Official Gazette number 29204 dated December 13, 2014 and published on hazardous substances and mixtures have been prepared in accordance with the Regulations on the safety data sheet

Release Date: 15/01/2020 versiy: 0.0-x

hygiene measures : Do not eat, drink or smoke in the workplace. Always wash your hands after handling the material.

### 7.2. Conditions for safe storage, including any incompatibilities

Technical measures : Comply with applicable law. Open containers to prevent leakage must be adequately sealed and placed in vertical position. Ensure adequate ventilation, especially in confined areas.

Storage conditions : Store in well-ventilated areas.

incompatible products : Strong acids. Strong bases. Strong oxidizing agents. Peroxides. Explosives.

incompatible conditions : Extremely high or low temperatures.

Sources of heat and ignition : No smoking. Keep them away from the substance: ignition sources.

Information on mixed storage : Food, Keep away from beverages and animal feed.

### 7.3. Specific end use

The lack of detailed information.

## SECTION 8: Exposure control / personal protection

### 8.1. Control parameters

No further information

### 8.2. Limitation and control of exposure

Appropriate engineering controls : It does not require any special or specific measures subject to the general rules of industrial hygiene and safety.

hand protection : Protective gloves EN 374

eye protection : Protective glasses. Wear protective goggles in place, if there is excessive dust EN 166

Skin and body protection : Wear suitable protective clothing.

Respiratory protection : Use appropriate respiratory protection if ventilation is inadequate.

Controlling the environmental impact : Avoid release to the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

State of aggregation : liquid

Color : white

Smell : whiff

odor threshold : data not available

pH : data not available

Relative evaporation rate (butyl acetate = 1) : data not available

Mp : does not apply

Freezing point : 0 ° C

Boiling point : 100 ° C

Auto-ignition temperature : data not available

decomposition temperature : data not available

Flammability (solid gas) : does not apply

The relative vapor density at 20C : data not available

Relative density : 0.7-0.8 g / cm<sup>3</sup>

Solubility : partially soluble.



## ISOLLAT-03 MSDS

Official Gazette number 29204 dated December 13, 2014 and published on hazardous substances and mixtures have been prepared in accordance with the Regulations on the safety data sheet

Release Date: 15/01/2020 versiyo: 0.0-x

Apparent viscosity The Brookfield : 60000-90000 cP (rotor R4, rotation speed 2 min-1 at 230C)  
explosive properties : The product is not explosive  
oxidising properties : The product is not harmful oxidation.

### 9.2.Prochaya information

No further information

## SECTION 10: Stability and reactivity

### 10.1.Reaktivnost

normal use of the product and does not react during storage and transport conditions.

### 10.2. Chemical stability

It is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal operating conditions.

### 10.4.Nedopustimye conditions

The lack of detailed information.

### 10.5.Nesovmestimye materials

Strong acids. Strong bases. Strong oxidizing agents. Peroxides. Explosives.

### 10.6.Opasnye decomposition products

No dangerous decomposition products are formed during normal storage and handling conditions.

## SECTION 11: Toxicological information

### 11.1.Informatsiya of toxic effects

acute toxicity : Not classified.

#### Isollat-03

|                   |                            |
|-------------------|----------------------------|
| Oral LD50 in rats | > 2000 up to 10000 mg / kg |
|-------------------|----------------------------|

eye irritation : not classified

sensibilization : not classified

mutagenicity : not classified

Carcinogenicity : not classified

Toxicity to the reproductive capacity : not classified

## SECTION 12: Environmental Impact

### 12.1. Toxicity

Ecology : Products that are harmful to aquatic organisms and the environment, which cause long-term side effects are not applied.

The acute aquatic toxicity : not classified

Chronic aquatic toxicity : not classified

### 12.2. degradability

No further information

### 12.3. bioaccumulation potential

#### Isollat-03

|                               |                        |
|-------------------------------|------------------------|
| potential for bioaccumulation | No further information |
|-------------------------------|------------------------|

### 12.4. Mobility in soil

#### Isollat-03

|                  |                        |
|------------------|------------------------|
| Mobility in soil | No further information |
|------------------|------------------------|

### 12.5. Rezultvty assess stability characteristics, toxicity and biological nakaplivaemosti

No further information



## ISOLLAT-03 MSDS

Official Gazette number 29204 dated December 13, 2014 and published on hazardous substances and mixtures have been prepared in accordance with the Regulations on the safety data sheet

Release Date: 15/01/2020 versiy: 0.0-x

### 12.6. Other adverse effects

Other side effects : No further information

## Part 13: Disposal

### 13.1. Waste treatment methods

Waste Processing Technology : Destroy in accordance with applicable local regulations.

## SECTION 14: Transport information

Not classified as hazardous material with respect to transportation regulations.

## SECTION 15: Regulatory information

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

#### 15.1.1. EC regulations

The lack of detailed information

#### 15.1.2. national regulations

The lack of detailed information

#### 15.1.3. Safety evaluation of substances

The lack of detailed information

## SECTION 16: Other information

Other information : **DISCLAIMER** The information in this form of safety information was obtained from sources which we believe are reliable July. However, they offered no explicit or private guarantee their accuracy. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may not be within the limits of our knowledge. For these and similar reasons, we will not be liable for any loss or damage that may result from handling, storage, use or disposal of the product. This security bulletin information is intended only for the use of this product. If the product is used as a component in another product, the information on this form of security information may be invalid.

*This information is based on our current knowledge and health products only, is designed to determine from the point of view of safety and environmental requirements. Thus, it should not be construed as a guarantee of any particular characteristics of the product.*