

**EC-SAFETY DATA SHEET****ISOLLAT-05 COMPONENT B****1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING**

Trade name	Isollat-05 Component B
Information about manufacturer	Special Technologies LLC 39/35, Chapaev Str., 623704, Berezovskiy, Sverdlovsk Region, Russia Fax: (343) 345-27-26 Phone: (343) 345-27-27 Phone: (343) 345-27-28

**2. COMPOSITION / INFORMATION ON INGREDIENTS**

## Description

Components	CAS-No.	Weight %
Copolymer of ethulene vinyl acetate	24937-78-8	=>45
Melamine	108-78-1	=>15
Pentaerythritol	115-77-5	=>15
Ammonium polyphosphate	68333-79-9	=>25

**3. HAZARDS IDENTIFICATION**

No special hazards known.

Irritation may occur in case of adherence of the product to skin and drying.

**4. FIRST AID MEASURES**

IF INHALED:	remove victim to fresh air and provide medical attention.
IF ON SKIN:	Wash with water and soap.
IF IN EYES:	Flush the affected eye thoroughly with plenty of water, preventing penetration of the substance into the unaffected eye. If irritation persists, seek physician advise.
IF SWALLOWED:	Rinse mouth immediately with water and drink plenty of water, get medical attention.

## EC-SAFETY DATA SHEET

### ISOLLAT-05 COMPONENT B

#### 5. FIREFIGHTING MEASURES AND FIRE SAFETY DEVICES

Suitable extinguishing media	Water spray, foam, carbon dioxide, extinguishing powder
Unsuitable extinguishing media for safety reasons	None known.
Safety precautions in case of fire	Do not breathe carbon monoxide (CO)

#### 6. ACCIDENTAL RELEASE MEASURES

##### 6.1. Personal precautions, protective equipment and emergency procedures

Ventilate the room.

##### 6.2. Environmental precautions.

Prevent from penetration into the environment.

##### 6.3. Methods and materials for containment and cleaning up.

For small spills: Collect using appropriate liquid-binding materials (sand, sawdust, etc.). Dispose the absorbed substance according to applicable regulations. For large spills: Pump out. Wash residues with water.

#### 7. HANDLING AND STORAGE

##### 7.1. Handling

Observe conventional safety precautions for handling with chemical substances.

##### 7.2. Storage

Storage temperature from +0°C to +25°C.

#### 8. WORKPLACE EXPOSURE CONTROLS AND PERSONAL PROTECTION

##### 8.1. Parameters subject to control

###### Components with specified occupational exposure limits

Components	CAS-No.	Limit type	Value	Remark
Ammonia	7664-41-7	CLV	20 mg/m <sup>3</sup>	

##### 8.2. Personal protective equipment

Eye/face protection Safety glasses with side-shields (EN 166).

Skin/hands protection Wear appropriate chemical resistant gloves (EN 374).

**8.3. Emergency telephone number: (343) 345-27-27, working hours from 8<sup>00</sup> a.m. to 5<sup>00</sup> p.m.**

## EC-SAFETY DATA SHEET

### ISOLLAT-05 COMPONENT B

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	White
Odor	Mild
Information on: Water freezing point	0 <sup>0</sup> C
Information on: Water boiling point	100 <sup>0</sup> C (DIN ISO 976)
Flash point	Not applicable
Information on: Water vapor pressure	23 mbar (at 20 <sup>0</sup> C)
Density	Not exceeding 1.4 g/cm <sup>3</sup>
Water solubility	Partially soluble (at 15 <sup>0</sup> C)
Miscibility with water	Miscible

#### 10. STABILITY AND REACTIVITY

##### 10.1. Reactivity

This material is considered to be non-reactive under normal conditions of use.

##### 10.2. Chemical stability

Stable

##### 10.3. Possibility of hazardous reactions

No hazardous polymerization observed.

##### 10.4. Conditions to avoid

Excessive heat. Freezing.

#### 11. TOXICOLOGICAL INFORMATION

LD50 Rat (oral): >2,000-10,000 mg/kg

Irritant effect evaluation: In case of adherence of the product to skin and drying, irritation may occur. Primary skin irritation, rabbit: Not irritative (OCDE, Directive 404). Primary mucous membrane irritation, rabbit: Not irritative (OCDE, Directive 405).

According to the experience and data available, in case of proper handling and usage following the specified rules, there are no harmful effects on health known. This statement is made based on the data for products with similar composition.

#### 12. ECOLOGICAL INFORMATION

When introducing low concentrations into biological sewage disposal plants in accordance with applicable instructions, the product does not affect purification ability of activated sludge.

Evaluation of bio-degradability and eliminability (H<sub>2</sub>O): Significant amounts of the product can eliminate from water as a result of abiotic processes, e.g. adsorption by activated sludge.

Bioaccumulative potential: Polymeric part due to its structural properties is not bio-available. No accumulation in living organisms occurs.

Prevent the product from penetration into water bodies without appropriate treatment. Based on the information currently available adverse effects on environment are not likely to occur.

## EC-SAFETY DATA SHEET

### ISOLLAT-05 COMPONENT B

#### 13. DISPOSAL CONSIDERATIONS

The product shall be delivered to the specifically fitted dump/place for storage of waste and refuse or to the specially equipped waste incineration plant.

#### 14. TRANSPORT INFORMATION

Overland transport

ADR

According to transport regulations the product is not classified as dangerous goods.

RID

According to transport regulations the product is not classified as dangerous goods.

River transport

ADNR

According to transport regulations the product is not classified as dangerous goods.

Marine transport

IMDG

According to transport regulations the product is not classified as dangerous goods.

Air transport

IATA/ICAO

According to transport regulations the product is not classified as dangerous goods.

#### 15. REGULATORY INFORMATION

EC Regulation No. 1907/2006, of the European Parliament and Council of December, 18th, 2006 on Registration, Evaluation, Authorization and Restriction of Chemicals.

Resolution of the European Parliament and Council (EC) No. 1272/2008 of 20.01.2009 on the Classification, Labeling and Packaging of Substances and Mixtures.

#### 16. OTHER INFORMATION

Other fields of applications shall be agreed with the manufacturer.

Information in this safety data sheet is based on knowledge and experience available at the present day, and it describes the material in terms of safety requirements. This information shall not be considered as a description of the product's properties (product specification). There shall be no conclusions made with regard to quality and suitability of the product for any specific application based on the information in this safety data sheet. It is the responsibility of the end user to observe all existing laws and regulations as well as statutory standards.