

MATERIAL SAFETY DATA SHEET

BAYSİL SL

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

BAY KİM

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PRODUCT IDENTIFICATION

Product Name : BAYSİL SL
Chemical Name : Amino Functional Silicone Fluid
Synonyms : Amino Functional Silicone Fluid Emulsion
Chemical Family : Micro Silicone Emulsion
Molecular Formula : Proprietary
Product Use : Textiles
CAS N° : n.a.i.

Read the entire MSDS for the complete hazard evaluation of this product

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

n.a.i.

POTENTIAL HEALTH EFFECTS

n.a.i.

3. COMPOSITION, INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS N°	ACGIH TVL	%
Amino Functional Silicone Fluid	n.a.i	n.a.i.	n.a.i.

4. FIRST AID MEASURES

FIRST AID PROCEDURES

Inhalation: In case of decomposition gas inhalation, remove person involved from the polluted area Administrate oxygen. Call the doctor

Skin Contact: Remove contaminated clothes and wash the injured part with soap and water.

Skin Absorption: n.a.i.

Eye Contact: Wash with large quantities of water for at least 15 min, keeping eye open. Contact a specialist.

Ingestion: Contact a doctor in case of feeling bad.

Other Health Effect: n.a.i.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water, power, foam, CO₂.

Extinguishing Media Which Must Not Be Used For Safety Reasons: None

Specific Hazards: None

Special Protective Equipment For Firefighters: Standard procedure for chemical fires.

6. ACCIDENTAL RELEASE MEASURES

Information in this section is for responding to spills, leaks or releases in order to prevent or minimize the adverse effects on persons, property and the environment. There may be specific reporting requirement associated with spills, leaks or releases, which change from region to region. The responsibility of reporting lies directly with the handlers of the substance.

Personal precautions: Use personal precautions. Do not breathe the gas.

Environmental Precautions: Do not flush into surface water or sanitary sewer system.

Methods For Cleaning Up: Clean up promptly by sweeping or vacuum. Dispose properly and wash the surface large amount of water

Additive Precautions: Keep away the sources of fire.

7. HANDLING AND STORAGE

Rooms and equipment must be provided with suitable ventilation systems.

Store in its original package and above 0° C

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Recommendations listed in this section indicate the type of equipment, which will provide protection against overexposure to this product. Conditions of use, adequacy of engineering or other control measures, and actual exposures will dictate the need for specific protective device at your workplace.

ENGINEERING CONTROLS

Engineering Controls: Avoid contact with the skin and the eyes.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Hand Protection: Gloves

Eye Protection: Safety Glasses

Skin and Body Protection: Long sleeved clothing.

Respiratory Protection: No personal respiratory protective equipment normally required.

Other Personal Protective Equipment: n.a.i.

EXPOSURE GUIDELINES

n.a.i.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	: Liquid
Appearance and Odor	: Viscous liquid, colorless, cloudy.
Odor Threshold (ppm)	: n.a.i.

Boiling Point (Deg. Celsius)	: At 100° C 1013 hPa (method 67/548/IWG).
Flash Point (Deg Celsius)	: > 100° C (DIN 53213)
Vapor Pressure (mmHg at 20 °C)	: 23 hPa at 20° C
Vapor Density	: n.a.i.
Relative Density	: 1 g/cc (at 20° C/DIN 5157)
Bulk Density	: n.a.i
Viscosity	: n.a.i.
Evaporation Rate (Butyl Acetate = 1.0)	: n.a.i.
Water Solubility	: Soluble in water at any ratio.
Volatility (%) by Volume	: n.a.i.
pH	: 5 ±1
Coefficient of Water/Oil Distribution	: n.a.i.
Volatile Organic Compounds (VOC)	: n.a.i.

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY

Under Normal Conditions	: Stable
Under Fire Conditions	: n.a.i.
Hazardous Polymerization	: n.a.i.

Condition to Avoid: n.a.i.

Materials to Avoid: None

Decomposition or Combustion Products: None reasonably foreseeable.

11. TOXICOLOGICAL INFORMATION

No toxicological effect.

12. ECOLOGICAL INFORMATION

No data available

13. DISPOSAL CONSIDERATIONS

This information applies to the material as manufactured. Processing, use or contamination may make the information inappropriate, inaccurate or incomplete. The responsibility for proper waste disposal lies with the owner of the waste.
Deactivating Chemicals:

Waste Disposal Methods: can be incinerated, when in complacence with Local Regulations.

Disposal of Packaging: Empty containers should be taken for Local recycling recovery or waste disposal.

14. TRANSPORTATION INFORMATION

ADR/RID: Not classified as dangerous in the meaning of road and railway transport.

IMO: Not classified marine pollutant.

Air Transportation: Not classified as dangerous in the meaning of air transportation of IATA members.

15. REGULATORY INFORMATION

Regulatory Information: The product is classified in accordance to the CESIO recommendations.

Symbol(s): Xn – Harmful.

R-phphrase (s): R22 – harmful if swallowed
R41 – Risk of serious damage to eyes.

S-phphrase(s) : S26 – In case of contact with eyes rinse immediately with plenty of water and seek medical advice.
S39 – Wear eye/face protection.

16. OTHER INFORMATION

ADDITIONAL INFORMATION AND SOURCES USED

Written By : Textile Auxiliaries Chemicals Plant Management

The information contained herein is offered only as guide to the handling of this specific material and has prepared in good faith by technically knowledgeable personal. It is not intended to be all-inclusive and the manner and conditions of use and handling may involve other and additional considerations. No warranty of any kind is given or implied and BAY KIM Inc. will not be liable for any damage, losses, injuries or consequential damage which may result from the use of or reliance on any information contained herein. This Material Safety Data Sheet is valid for three years.
n.a.: not available n.a.i.: not available information