

Issue Date: 02/11/2021
Last Revision Date: 04/07/2023
Superseded Date: 02/11/2021
Version Number: 02

SAFETY DATA SHEET

Product Code: 7041-50

PAGE 1 OF 4

SECTION 1 PRODUCT IDENTIFICATION

Product Name: Livingstone Microscope Glass Slide

Product Description: Premium microscope slide that is highly chemical resistant, with uniform thickness and excellent transmittance, which is also less prone to chipping during handling. This slide has a frosted or enamel-coated area at one end, for labelling with a pencil or pen.

Product Uses: Laboratory experimentation, examination and testing under microscope

SECTION 2 HAZARD IDENTIFICATION

Not classified as hazardous according to NOHSC/ASCC Criteria
Not classified as dangerous goods by the criteria of the ADG Code

EMERGENCY OVERVIEW

This material when properly handled according to good working and hygienic practices is not dangerous to human health and the environment at ambient temperature.

Edges are sharp and require careful handling, especially when glass thickness is greater than 2mm.

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Chemical Formula	CAS No.
Silicon Dioxide	SiO ₂	7631-86-9
Sodium Oxide	Na ₂ O	1313-59-3
Potassium Oxide	K ₂ O	12136-45-7
Calcium Oxide	CaO	1305-78-8
Magnesium Oxide	MgO	1309-48-4
Aluminum Oxide	Al ₂ O ₃	1344-28-1
Ferric Oxide	Fe ₂ O ₃	1309-37-1
Sulfur Trioxide	SO ₃	7446-11-9

SECTION 4 FIRST AID MEASURES

Eye Contact: If broken glass slide comes in contact with the eye, rinse eye with water, cover BOTH eyes with towel and seek immediate medical attention.

Skin Contact: If broken glass slide comes in contact with the skin, remove large part that is visible in the affected area. Rinse affected area with water, do not rub. Seek medical attention.

Inhalation: Not applicable.

Ingestion: Do not induce vomiting and seek immediate medical advice.

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.

Issue Date: 02/11/2021
Last Revision Date: 04/07/2023
Superseded Date: 02/11/2021
Version Number: 02

SAFETY DATA SHEET

Product Code: 7041-50

PAGE 2 OF 4

SECTION 5 FIRE FIGHTING MEASURES

- Extinguishing Media:** Use extinguishing media most appropriate for the surrounding fire.
No limitations to the type of extinguishing media
- Fire and Explosion Hazard:** No usual hazards identified.
- Special Protective Equipment:** In confined spaces, fire fighters should wear a self contained breathing apparatus (SCBA) which meets appropriate standards operated in positive pressure mode, and full turnout gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Collect the spill in containers and dispose safely. (See Section 13 for Disposal Consideration)

SECTION 7 HANDLING AND STORAGE

- Handling:** Handle the product in accordance with directions for use. No special precautions required.
- Storage Conditions:** Store in a cool, dry place, out of reach of children. Keep protected from sunlight.

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

- Engineering Measures:** Not required under normal condition of use.
- Respiratory Protection:** Not required under normal condition of use.
- Hand/Skin Protection:** None required under normal condition of use.
- Eye/Face Protection:** None required under normal condition of use.
- Hygiene Measures:** Practice good workplace hygiene. Do not eat or smoke when handling. Wash hands after use and before eating.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

- Appearance and Odor:** Solid, transparent and odorless
- pH (as supplied):** Not applicable
- Solubility in Water:** Insoluble
- Volatile Content:** No data available
- Specific gravity:** 2.479 @ 25 °C
- Refractive index:** 1.51 - 1.52 (at 479 - 644 nm)
- Boiling Point:** No data available
- Strain Point:** 512 °C (log H = 14.5)
- Softening Point:** 720 °C
- Auto ignition:** No data available
- Flash Point:** No data available

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.

Issue Date: 02/11/2021
 Last Revision Date: 04/07/2023
 Superseded Date: 02/11/2021
 Version Number: 02

SAFETY DATA SHEET

Product Code: 7041-50

PAGE 3 OF 4

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable at normal conditions of storage and handling.
Haz. Decomposition Products: No data available.
Condition to Avoid: Avoid temperature >500 °C.
Polymerization: Will not occur.

SECTION 11 TOXICOLOGICAL INFORMATION

No data available.

SECTION 12 ECOLOGICAL INFORMATION

When the product is used and/or disposed of as indicated, no adverse environmental effects are foreseen.

Mobility: The material is non-volatile and is insoluble in water.
Degradability: Not regarded as inherently biodegradable.

SECTION 13 DISPOSAL CONSIDERATIONS

The product and its packaging must be disposed of in accordance with the local and national regulation.

SECTION 14 TRANSPORT INFORMATION

This product is not classified as dangerous good under transport regulations.

UN No:	N/A	DG Class:	N/A
Packaging Group:	N/A	Hazchem Code:	N/A

SECTION 15 REGULATORY INFORMATION

United States Regulatory Information

All ingredients contained in this product are included in the EPA TSCA Chemical Substance Inventory.

SARA TITLE III - SECTION 313 SUPPLIER NOTIFICATION

This product does not contain toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and 40 CFR Part 372.

California Proposition 65:	This product does not contain chemicals known to the State of California to cause cancer or reproductive toxicity.
WHMIS Classification:	Not classified
EU Marking and Labelling:	Not classified

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available. Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.

Issue Date: 02/11/2021
Last Revision Date: 04/07/2023
Superseded Date: 02/11/2021
Version Number: 02

SAFETY DATA SHEET

Product Code: 7041-50

PAGE 4 OF 4

SECTION 16 OTHER INFORMATION

Reason for Revision: To bring to date.

END OF SDS

Information provided on this document is presented in good faith and believed to be correct based on the best data currently available, Livingstone International makes no representations or warranties, expressed or implied as to the completeness or accuracy of the information. In no event will Livingstone International be liable for any errors or omissions in the information provided herein. Information is supplied upon the condition that any persons or corporate receiving same will make independent determination as to its suitability for their own purposes prior to use, and in no event will Livingstone International be responsible for damages of any nature whatsoever resulting from the use of product or reliance upon information provided. Information is provided on an "as is" basis, no representation or warranties, either expressed or implied of fitness for a particular purpose or of any other nature are made herein with respect to information of the product.