



Safety Data Sheet

Starbrite Silicone Sealant **821XX**

Section 1. Identification

Product Identifier Starbrite Silicone Sealant
Synonyms 821XX
Manufacture Stock Numbers N/A

Recommended use N/A
Uses advised against N/A

Manufacturer Contact
Address

Star brite Inc.
4041 SW 47th Avenue
Fort Lauderdale, FL 33314 US
Contact Person: Vincent Waclawek

Phone

(954) 587-6280

Emergency
Phone

(800) 424-
9300 Chemtrec

Fax

N/A

Section 2. Hazards Identification

Classification ACUTE TOXICITY - ORAL - Category 4
EYE DAMAGE/IRRITATION - Category 2A
SKIN CORROSION/IRRITATION - Category 2

Signal Word Warning

Pictogram



Hazard Statements Causes serious eye irritation
Causes skin irritation
Harmful if swallowed

Precautionary
Statements

Response

If eye irritation persists: Get medical advice/attention.
If in eyes: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: Wash with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical attention.

If skin irritation occurs: Get medical advice/attention.
 If swallowed: Call a poison center or doctor if you feel unwell.
 Rinse mouth.
 Take off contaminated clothing and wash it before reuse.

Prevention
 Do not eat, drink or smoke when using this product.
 Wash ...thoroughly after handling.
 Wear eye protection/face protection.
 Wear protective gloves.

Storage
 N/A

Disposal
 Dispose of contents/container in accordance with all local, state and federal regulations.

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified None known

Section 3. Ingredients

| CAS | Ingredient Name | Weight % |
|------------|------------------------|----------|
| 4253-34-3 | Methyltriacetoxysilane | 1% - 5% |
| 17689-77-9 | Ethyltriacetoxysilane | 1% - 5% |

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-aid Measures

Eye Contact
 Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes while holding the eyelids open. Obtain medical attention.

Skin Contact
 No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.

Inhalation
 If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

Ingestion
 If irritation or discomfort occur, obtain medical advice.

Comments
 Treat according to person's condition and specifics of exposure.

Section 5. Fire Fighting Measures

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| Suitable Extinguishing Media | N/A |
| Unsuitable Extinguishing Media | N/A |
| Auto-ignition Temperature | Not determined |
| Flammability Limits in Air | Not determined |
| Extinguishing Media | On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers. |
| Special Fire Fighting Procedures | Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool. |
| Unusual Fire or Explosion Hazards | None known |

Section 6. Accidental Release Measures

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| Steps to be taken in case of spill or release | Observe all personal protection equipment recommendations in Sections 5 and 8. Wipe or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant or cleaning materials appropriately, since spontaneous heating may occur. Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements. |
| Note | See Section 8 for information about personal protective equipment for spills. |

Section 7. Handling and Storage

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| Handling | Use adequate ventilation. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. Avoid eye contact. Avoid skin contact. |
| Storage | Use reasonable care and store away from oxidizing materials. Keep container closed and store away from water or moisture. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential. |

Section 8. Exposure Controls/Personal Protection

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|------------------------------|------------------------|------------------|-----------------|-------------|
| Occupational Exposure Limits | Ingredient Name | ACGIH TLV | OSHA PEL | STEL |
| | Methyltriacetoxysilane | TWA 10ppm | TWA 10ppm | 15ppm |
| | Ethyltriacetoxysilane | TWA 10ppm | TWA 10ppm | 15ppm |

| | |
|--------------------------------|--|
| Personal Protective Equipment | Goggles, Gloves |
| Component Exposure Limits | Component Name: Ethyltriacetoxysilane CAS Number: 17689-77-9 Exposure Limits: See acetic acid comments Component Name: Methyltriacetoxysilane CAS Number: 4253-34-3 Exposure Limits: See acetic acid comments Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to control exposures within guidelines of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm. |
| Engineering Controls | Local Ventilation: None should be needed General Ventilation: Recommended |
| Eye Protection | Use proper protection - safety glasses as a minimum. |
| Skin Protection | Wash at mealtimes and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended. Suitable Gloves: Handle in accordance with good industrial hygiene and safety practices. |
| Respiratory Protection | No respiratory protection should be needed. Suitable Respirator: None should be needed. |
| Precautionary Measures Comment | Avoid eye contact. Avoid skin contact. Use reasonable care. Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. When heated to temperatures above 150C (300F) in the presence of air, product can form formaldehyde vapors. Physical and health hazard information is readily available on the Material Safety Data Sheet. When heated to temperatures above 150C in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde. |
| Note | These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions. |

Section 9. Physical and Chemical Properties

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| Physical State | Paste |
| Color | Various |
| Odor | Acetic Acid Odor |
| Odor Threshold | N/A |
| Solubility | Not Determined |
| Partition coefficient Water/n-octanol | N/A |
| Viscosity | Not Determined |
| Specific Gravity | 1.007 |
| Density lbs/Gal | N/A |
| Pounds per Cubic Foot | N/A |
| Flash Point | >212F >100C |
| FP Method | Closed Cup |
| Ph | Not Determined |
| Melting Point | Not Determined |
| Boiling Point | Not Determined |
| Boiling Range | N/A |
| LEL | N/A |
| UEL | N/A |
| Evaporation Rate | Not Determined |
| Flammability | N/A |
| Decomposition Temperature | N/A |
| Auto-ignition Temperature | Not Determined |
| Vapor Pressure | Not Determined |
| Vapor Density | Not Determined |

NoteThe above information is not intended for use in preparing product specifications.

Section 10. Stability and Reactivity

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| Chemical Stability | Stable |
| Hazardous Polymerization | Will not occur |
| Conditions to Avoid | None known |
| Materials to Avoid / Incompatibility | Oxidizing material can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form as described in Section 8. |
| Hazardous Decomposition Products | Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: Carbon oxides and traces of incompletely burned carbon compounds Formaldehyde Silicon dioxide |

Section 11. Toxicological Information

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| Special Hazard Information on Components | No known applicable information. |
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Section 12. Ecological Information

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| Environmental Fate and Distribution | Complete information is not yet available. |
| Environmental Effects | Complete information is not yet available. |
| Fate and Effects in Waste Water Treatment Plants | Complete information is not yet available. |

Section 13. Disposal

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| RCRA Hazard Class (40 CFR 261) | When a decision is made to discard this material, as received, is it classified as a hazardous waste? NO State or local laws may impose additional regulatory requirements regarding disposal. |
| Waste Disposal Method | We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes. This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws. |

Section 14. Transport Information

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| UN Number | N/A |
| UN Proper Shipping Name | N/A |
| DOT Classification | N/A |
| Packing Group | N/A |

Road Shipment
Information (DOT)

Ocean Shipment (IMDG)

Air Shipment (IATA)

Not subject to DOT
regulations.

Not subject to IMDG
code.

Not subject to IATA
regulations.

Section 15. Regulatory Information

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| | The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200. |
| TSCA Status | All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances. |
| SARA Title III Section 302 Extremely Hazardous Substances | None |
| SARA Title III Section 304 CERCLA Substances dangereuses | None |
| SARA Title III Section 311/312 Hazard Class | Acute: No Chronic: No Fire: No Pressure: No Reactive: No |
| SARA Title III Section 313 Toxic Chemicals | None present or none present in regulated quantities. |
| Note | Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold. |
| California Proposition 65 | This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None known |
| New Jersey | Dimethyl siloxane, hydroxy-terminated (70131-67-8) Ethyltriacetoxysilane (17689-77-9) Methyltriacetoxysilane (4253-34-3) Silica, amorphous (7631-86-9) Hydrotreated middle petroleum distillates (64742-46-7) |
| Pennsylvania | Dimethyl siloxane, hydroxy-terminated (70131-67-8) Silica, amorphous (7631-86-9) Hydrotreated middle petroleum distillates (64742-46-7) |

Section 16. Other Information

Revision Date

7/22/2014

Disclaimer

The data contained herein is based upon information that Starbrite believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.