

## StarSilent Fix SDS

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### Section 1: Identification of The Substance/Mixture and of The Company/Undertaking

**Trade name:** StarSilent Fix

**Use of The Substance / Formulation:** Filler

**Producer / Supplier:** Pyrok, Inc.

**Street/post Box:** 121 Sunset Drive

**National ID Postcode City:** Mamaroneck, NY 10543

**Point of Contact for Technical Information:** Howard Podolsky

**Phone Fax E-mail:** 914-777-7070 Tel | 914-777-7103 Fax | howard@pyrok.com

**Emergency Information:** Poison Control

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### Section 2: Hazards Identification

**Classification (REGULATION (EC) No 1272/2008):** Not a hazardous substance or mixture.

**Labelling (REGULATION (EC) No 1272/2008):** Not a hazardous substance or mixture.

**Other Hazards:** Do not breathe dust. Results of PBT and vPvB assessment Not applicable

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### Section 3: Composition/Information on Ingredients

#### Mixtures

Chemical nature Gypseous factory-made mortar.

#### Hazardous Components

Remarks No hazardous ingredients

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### Section 4: First Aid Measures

**Inhalation:** Remove to fresh air. If symptoms persist, call a physician.

**Skin Contact:** Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.

**Eye Contact:** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**Ingestion:** Rinse mouth. If conscious, drink plenty of water. Do NOT induce vomiting. Obtain medical attention.

**Symptoms:** No information available.

**Treatment:** Treat symptomatically. No information available.

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### Section 5: Firefighting Measures

**Suitable Extinguishing Media:** Not combustible.

**Unsuitable Extinguishing Media:** Not applicable

**Special Hazards Arising from The Substance or Mixture:** Fire may cause evolution of: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), Nitrogen oxides (NO<sub>x</sub>), Exposure to decomposition products may be a hazard to health.

**Advice for Firefighters:** Not applicable

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### Section 6: Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Avoid dust formation. Use respiratory protective device against the effects of dust.

**Environmental Precautions:** The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.

**Methods and Material for Containment and Cleaning Up:** Use mechanical handling equipment. Moisten and remove. Use approved industrial vacuum cleaner for removal. Dispose of contaminated material as waste according to item 13. Clean contaminated surface thoroughly.

**Reference to Other:** Refer to protective measures listed in sections 7 and 8.

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### Section 7: Handling And Storage

**Advice on Safe Handling:** Avoid dust formation. Provide sufficient air exchange and/or exhaust in work rooms. Comply with the statutory regulations on health and safety at work.

**Hygiene Measures:** Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke. Avoid contact with the skin and the eyes.

**Requirements for Storage Areas and Containers:** Store in original container. Keep in a dry place.

**Advice on Protection Against Fire and Explosion:** No special measures required.

**Further Information on Storage Conditions:** Protect from humidity and water.

**Advice on Common Storage:** No materials to be especially mentioned.

**Specific End Use(s):** For further information, see also Technical Data Sheet for the product.

## StarSilent Fix SDS

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### Section 8: Exposure Controls/Personal Protection

**Control Parameters:** Contains no substances with occupational exposure limit values.

#### Exposure Controls

**Appropriate Engineering Controls:** Provide adequate ventilation.

#### Individual Protection Measures, Such as Personal Protective Equipment

**Eye / Face Protection:** Safety glasses with side-shields conforming to EN166

**Skin / Hand Protection:** After washing hands, replenish lost skin oil by means of oily skin ointment.

**Body Protection:** Long sleeved clothing

**Respiratory Protection:** Avoid inhalation of particles. Compliance with the maximum permissible levels at the workplace is to be ensured by effective dust control measures, e.g. local extraction devices. Where this is not possible, particle-filtering half masks of type FFP2 (tested in accordance with EN 149) are to be used.

**Environmental Exposure Controls:** General advice: The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.

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### Section 9: Physical And Chemical Properties

#### Information on Basic Physical and Chemical Properties

Appearance	Powder form
Color	White
Odor	Odorless
Odor Threshold	No data available
pH	No data available
Melting point/freezing point	Not applicable
Initial boiling point/boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	The product is not flammable.
Lower explosion limit	Not applicable
Upper explosion limit	Not applicable
Vapour pressure	No data available
Vapour density	Not applicable
Density	ca. 2,6 g/cm <sup>3</sup> , 23 °C
Solubility(ies)(Water)	Slightly soluble
Partition coefficient: Noctanol / water	Not determined
Auto-ignition temperature	Not auto-flammable
Ignition temperature	Not determined
Viscosity, dynamic	Not applicable
Explosive properties	Not explosive
Oxidizing properties	Not applicable

**Other information:** Flow time. No data available

## StarSilent Fix SDS

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### Section 10: Stability and Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical Stability:** Stable under normal conditions.

**Hazardous Reactions:** This information is not available.

**Conditions to Avoid:** Stable under recommended storage and handling conditions (see section 7).

**Materials to Avoid:** No data available

**Hazardous Decomposition Products:** No decomposition if stored and applied as directed.

**Decomposition Temperature:** No data available

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### Section 11: Toxicological Information

#### Information on Toxicological Effects

##### Product

Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Based on available data, the classification criteria are not met.
Acute dermal toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	
Effects on fertility	Based on available data, the classification criteria are not met.
Developmental Toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

**Further information:** The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

## StarSilent Fix SDS

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### Section 12: Ecological Information

#### Toxicity

Product: Toxicity to fish No data available

#### Persistence and Degradability

Product: Biodegradability No data available

#### Bio Accumulative Potential

Product: Bioaccumulation No data available

#### Mobility in Soil

Product: Mobility No data available

#### Results of PBT and vPvB assessment

Product: Assessment. This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

#### Other Adverse Effects

Product: Additional ecological information. Do not flush into surface water or sanitary sewer system.

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### Section 13: Disposal Considerations

#### Waste Treatment Methods

Product: The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging: Empty packaging should be recycled through disposal systems.

Waste key for the unused product: 17 08 02: gypsum-based construction materials other than those mentioned in 17 08 01

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### Section 14: Transport Information

UN Number: Not regulated as a dangerous good

UN Proper Shipping Name: Not regulated as a dangerous good

Transport Hazard Class(es): Not regulated as a dangerous good

Packing Group: Not regulated as a dangerous good

Environmental Hazards: Not regulated as a dangerous good

#### Special Precautions for User

Remarks: This information is not available.

#### Transport in Bulk According to Annex II of Marpol and The IBC Code

Remarks: Not applicable

## StarSilent Fix SDS

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### Section 15: Regulatory Information

#### Safety, Health and Environmental Regulations/Legislation Specific for The Substance or Mixture Assessment

Directive 2010/75/EU	0 %
Directive 2004/42/EC	Does not fall under Directive 2004/42/EC
Other regulations	Comply with the statutory regulations on health and safety at work.

#### Chemical Safety Assessment

This information is not available.

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### Section 16: Other Information

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

#### Full Text of Other Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; ECNumber - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Cooperation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

#### Further Information

##### Other information

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Department issuing SDS

Department Pyrok, Inc. New York, NY [howard@pyrok.com](mailto:howard@pyrok.com)

REG\_EU / EN

## StarSilent Base SDS

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### Section 1: Identification of The Substance/Mixture and of The Company/Undertaking

**Trade Name:** StarSilent Base

**Use of The Substance / Formulation:** Priming coat

**Producer / Supplier:** Pyrok, Inc.

**Street/post Box:** 121 Sunset Drive

**National ID Postcode City:** Mamaroneck, NY 10543

**Point of Contact for Technical Information:** Howard Podolsky

**Phone Fax E-mail:** 914-777-7070 Tel | 914-777-7103 Fax | howard@pyrok.com

**Emergency information:** Poison Control

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### Section 2: Hazards Identification

**Classification (REGULATION (EC) No 1272/2008):** Not a hazardous substance or mixture.

**Labelling (REGULATION (EC) No 1272/2008):** Not a hazardous substance or mixture.

**Additional Labelling:** EUH210 Safety data sheet available on request. EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. For 2-Methyl-2H-Isouthiazol-3-one (MIT), a labelling threshold of 15 ppm is voluntarily used in accordance with the CEPE recommendation (instead of 100 ppm).

**Regulation Concerning Biocidal Products (528/2012):** Contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. As active agents for storage protection in accordance with Biocidal Product Regulation (528/2012), Article 58(3)

**Other Hazards:** Results of PBT and vPvB assessment Not applicable

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### Section 3: Composition/Information on Ingredients

**Mixtures:** Chemical nature Water based paste.

**Hazardous Components:** Remarks : No hazardous ingredients

## StarSilent Base SDS

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### Section 4: First Aid Measures

**General Advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

**Inhalation:** Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

**Skin Contact:** Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.

**Eye Contact:** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. Keep at rest.

**Symptoms:** No information available.

**Treatment:** Treat symptomatically. No information available.

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### Section 5: Firefighting Measures

**Suitable Extinguishing Media:** Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical & Water spray

**Unsuitable Extinguishing Media:** High volume water jet

**Special Hazards Arising from the Substance or Mixture:** In set state, the product itself is classified as non-combustible in accordance with EN 13501-1. Fire may cause evolution of: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>) & Nitrogen oxides (NO<sub>x</sub>)

**Advice for Firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Additional Advice:** Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### Section 6: Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Ensure adequate ventilation. Do not breathe vapor.

**Environmental Precautions:** The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.

**Methods and Material for Containment and Cleaning Up:** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean with detergents. Avoid solvents. Dispose of contaminated material as waste according to item 13. Clean contaminated surface thoroughly.

**Reference to Other:** Refer to protective measures listed in sections 7 and 8.



## StarSilent Base SDS

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### Section 7: Handling and Storage

**Advice on Safe Handling:** Avoid contact with skin and eyes. Prevent unauthorized access. Provide sufficient air exchange and/or exhaust in work rooms. Comply with the statutory regulations on health and safety at work.

**Hygiene Measures:** Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

**Requirements for Storage Areas and Containers:** Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in original container. Observe label precautions. Protect from frost, heat and sunlight.

**Advice on Common Storage:** Keep away from oxidizing agents and strongly acid or alkaline materials.

**Specific End Use(s):** For further information, see also Technical Data Sheet for the product.

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### Section 8: Exposure Controls/Personal Protection

**Control Parameters:** Contains no substances with occupational exposure limit values. The lists that were valid during the creation were used as basis.

**Appropriate Engineering Controls:** Ensure good ventilation; if possible, use / install internal extractor equipment. Individual protection measures, such as personal protective equipment

**Eye / Face Protection:** Wear protective goggles for protection against splashed liquid.  
Safety glasses with side-shields conforming to EN166

**Skin / Hand Protection:** Recommended preventive skin protection. Before starting work, apply water-resistant skincare preparations to exposed skin areas. Protective gloves should be worn in case of skin contact during preparation and application. Break through time: 480 min Minimum thickness: 0,11 mm Gloves made of nitrile rubber, e.g. KCL 740 Dermatril® (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Cotton undergloves are recommendable when wearing protective gloves! Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

**Body Protection:** Work clothes. Skin should be washed after contact. Do NOT use solvents or thinners.

**Respiratory Protection:** No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment. Employees involved in spraying work or in the immediate vicinity of such work should use a P2 particle filter against spray fog. Respiratory protection complying with EN 143.

**Environmental Exposure Controls:** General advice: The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.

## StarSilent Base SDS

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### Section 9: Physical and Chemical Properties

#### Information on Basic Physical and Chemical Properties

Appearance	Paste
Color	Grey
Odor	Mild
Odor Threshold	No data available
pH	ca. 10, 20 °C
Melting point/freezing point	Not applicable
Initial boiling point/boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	The product is not flammable.
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	ca. 1,3 g/cm <sup>3</sup> , 20 °C
Solubility(ies)(Water)	Completely miscible
Partition coefficient: Noctanol / water	Not determined
Auto-ignition temperature	Not auto-flammable
Ignition temperature	No data available
Viscosity, dynamic	ca. 24.000 - 27.000 mPa.s (20 °C)
Explosive properties	Not explosive
Oxidizing properties	Not applicable

#### Other Information

Flow time	No data available
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### Section 10: Stability and Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical Stability:** Stable under normal conditions.

**Hazardous Reactions:** This information is not available.

**Conditions to Avoid:** Stable under recommended storage and handling conditions (see section 7).

**Materials to Avoid:** Strong acids and strong bases. Strong oxidizing agents

**Hazardous Decomposition Products:** No decomposition if stored and applied as directed.

**Decomposition Temperature:** No data available

## StarSilent Base SDS

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### Section 11: Toxicological Information

#### Information on Toxicological Effects

##### Product

Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Based on available data, the classification criteria are not met.
Acute dermal toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	
Effects on fertility	Based on available data, the classification criteria are not met.
Developmental Toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

**Further Information:** The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

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### Section 12: Ecological Information

#### Toxicity

Product: Toxicity to fish                      No data available

#### Persistence and Degradability

Product: Biodegradability                      No data available

#### Bio Accumulative Potential

Product: Bioaccumulation                      No data available

#### Mobility in Soil

Product: Mobility                                  No data available

#### Results of PBT and vPvB assessment

Product: Assessment. This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

#### Other Adverse Effects

Product: Additional ecological information    Do not allow product to enter into ground water, bodies of water or sewage systems.

## StarSilent Base SDS

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### Section 13: Disposal Considerations

#### Waste Treatment Methods

Product: The user is responsible for proper coding and marking of any waste.  
Dispose of as special waste in compliance with local and national regulations.

Contaminated packaging: Empty packaging should be recycled through disposal systems.

Waste key for the unused product 08 01 12: Waste paint and varnish other than those covered by 08 01 11

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### Section 14: Transport Information

**UN number** Not regulated as a dangerous good

**UN Proper Shipping Name** Not regulated as a dangerous good

**Transport Hazard Class(es)** Not regulated as a dangerous good

**Packing Group** Not regulated as a dangerous good

**Environmental Hazards** Not regulated as a dangerous good

#### Special Precautions for User

Remarks: This information is not available.

#### Transport in Bulk According to Annex II of Marpol and the IBC Code

Remarks: Not applicable

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### Section 15: Regulatory Information

#### Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture Assessment

Directive 2010/75/EU 0 %

Directive 2004/42/EC < 0 %

0 g/l

EU limit value for this product (cat. A/a30 g/l) This product contains max30 g/lVOC.

Other regulations Comply with the statutory regulations on health and safety at work.

**Chemical Safety Assessment:** This information is not available.

## StarSilent Base SDS

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### Section 16: Other Information

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

#### Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; ECNumber - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances

REG\_EU / EN

## StarSilent 25MM Board SDS

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### Section 1: Identification of The Substance/Mixture and of The Company/Undertaking

**Trade name:** StarSilent 25mm Board

**Use of The Substance / Formulation:** Acoustic system

**Recommended Restrictions on Use:** This information is not available.

**Producer / Supplier:** Pyrok, Inc.

**Street/post Box:** 121 Sunset Drive

**National ID Postcode City:** Mamaroneck, NY 10543

**Point of Contact for Technical Information:** Howard Podolsky

**Phone Fax E-mail:** 914-777-7070 Tel | 914-777-7103 Fax | howard@pyrok.com

**Emergency Information:** Poison Control

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### Section 2: Hazards Identification

#### Classification of The Substance or Mixture

**Assessment (REGULATION (EC) No 1272/2008):** Not a hazardous substance or mixture.

**Assessment (67/548/EEC, 1999/45/EC):** Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

**Label Elements:** Not a hazardous substance or mixture.

**Other Hazards:** Results of PBT and vPvB assessment Not applicable

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### Section 3: Composition/Information on Ingredients

#### Mixtures

Chemical nature: Blown granulate acoustic board. Recycling glass base

#### Hazardous Components

Remarks: No hazardous ingredients

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### Section 4: First Aid Measures

**Skin Contact:** Wash off immediately with soap and plenty of water.

**Eye Contact:** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**Symptoms:** No information available.

**Treatment:** Treat symptomatically. No information available.

## StarSilent 25MM Board SDS

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### Section 5: Firefighting Measures

**Suitable Extinguishing Media:** Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical & Water spray

**Unsuitable Extinguishing Media:** High volume water jet

**Special Hazards Arising from The Substance or Mixture:** Fire may cause evolution of: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>) & Nitrogen oxides (NO<sub>x</sub>). Exposure to decomposition products may be a hazard to health.

**Advice for Firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Additional Advice:** Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Keep rollers under observation for a substantial period after a fire.

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### Section 6: Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Comply with the statutory regulations on health and safety at work.

**Environmental Precautions:** No special environmental precautions required.

**Methods and Material for Containment and Cleaning Up:** Dispose of contaminated material as waste according to item 13. Use mechanical handling equipment.

**Reference to Other:** Refer to protective measures listed in sections 7 and 8.

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### Section 7: Handling And Storage

**Advice on Safe Handling:** not required under normal use

**Hygiene Measures:** Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke.

**Requirements for Storage Areas and Containers:** Keep in a dry place.

**Advice on Protection Against Fire and Explosion:** No special measures required.

**Further Information on Storage Conditions:** None

**Specific End Use(s):** For further information, see also Technical Data Sheet for the product.

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### Section 8: Exposure Controls/Personal Protection

**Control Parameters:** Contains no substances with occupational exposure limit values.

**Appropriate Engineering Controls:** none

**Eye / Face Protection:** Goggles

**Skin / Hand Protection:** cotton gloves. After each cleaning use treatment creams, for very dry skin greasy ointments.

**Respiratory Protection:** Avoid inhalation of particles.

**General Protective Measures and Other Information:** Avoid contact with the skin and the eyes.

**General Advice:** No special environmental precautions required.

## StarSilent 25MM Board SDS

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### Section 9: Physical And Chemical Properties

#### Information on Basic Physical and Chemical Properties

Appearance	Solid form
Color	greylight grey
Odor	odourless
Odor Threshold	No data available
pH	ca. 9 - 10, Concentration: 100,00 g/l
Melting point/freezing point	Not applicable
Initial boiling point/boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	The product is not flammable.
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	ca. 0,25 - 0,50 g/cm <sup>3</sup>
Solubility(ies)(Water)	insoluble
Partition coefficient: Noctanol / water	not determined
Auto-ignition temperature	not auto-flammable
Ignition temperature	No data available
Decomposition temperature	No data available
Viscosity, dynamic	Not applicable
Explosive properties	Not explosive
Oxidizing properties	Not applicable

#### Other Information

Flow time	No data available
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### Section 10: Stability and Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical Stability:** Stable under normal conditions.

**Hazardous Reactions:** This information is not available.

**Conditions to Avoid:** Stable under recommended storage and handling conditions (see section 7). Temperatures : 1000 °C, material melts

**Materials to Avoid:** hydrofluoric acid

**Hazardous Decomposition Products:** No decomposition if stored and applied as directed.

**Decomposition Temperature:** No data available



## StarSilent 25MM Board SDS

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### Section 11: Toxicological Information

#### Information on Toxicological Effects

##### Product

Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Based on available data, the classification criteria are not met.
Acute dermal toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	
Effects on fertility	Based on available data, the classification criteria are not met.
Developmental Toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

**Further Information:** The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

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### Section 12: Ecological Information

#### Toxicity

Product: Toxicity to fish                      No data available

#### Persistence and Degradability

Product: Biodegradability                      No data available

#### Bio Accumulative Potential

Product: Bioaccumulation                      No data available

#### Mobility in Soil

Product: Mobility                                  No data available

#### Results of PBT and vPvB assessment

Product: Assessment: This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

#### Other Adverse Effects

Product: Additional ecological information. Do not flush into surface water or sanitary sewer system.

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### Section 13: Disposal Considerations

#### Waste Treatment Methods

Product: The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" If recycling is not practicable, dispose of in compliance with local regulations.

Contaminated packaging: Empty packaging should be recycled through disposal systems.

Waste key for the unused product: 17.02.02: glass

## StarSilent 25MM Board SDS

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### Section 14: Transport Information

**UN Number:** Not regulated as a dangerous good

**UN Proper Shipping Name:** Not regulated as a dangerous good

**Transport Hazard Class(es):** Not regulated as a dangerous good

**Packing Group:** Not regulated as a dangerous good

**Environmental Hazards:** Not regulated as a dangerous good

**Special Precautions for User**

Remarks: This information is not available.

**Transport in Bulk According to Annex II of Marpol and the IBC Code**

Remarks: Not applicable

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### Section 15: Regulatory Information

**Safety, Health and Environmental Regulations / Legislation Specific for The Substance or Mixture Assessment**

Directive 2004/42/EC: does not fall under Directive 2004/42/EC

Other regulations: Comply with the statutory regulations on health and safety at work.

**Material Safety Assessment:** This information is not available.

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### Section 16: Other Information

Full text of H-Statements referred to under sections 2 and 3.

**Further information**

Changes from the previous version are indicated by markings in the left-hand margin. The details given in this safety data sheet correspond to our present state of knowledge and conform to both national and EU legislation. The working conditions of the user are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The details given in this safety data sheet describe the safety requirements of our product and do not constitute any assurance of product properties.

## StarSilent Finish SDS

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### Section 1: Identification of The Substance/Mixture and of The Company/Undertaking

**Trade Name:** StarSilent Finish

**Use of the Substance / Formulation:** Coating material

**Producer / Supplier:** Pyrok, Inc.

**Street / Post Box:** 121 Sunset Drive

**National ID Postcode City:** Mamaroneck, NY 10543

**Point of Contact for Technical Information:** Product management

**Phone Fax E-mail:** 914-777-7070 Tel | 914-777-7103 Fax | howard@pyrok.com

**Emergency information:** Poison Control

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### Section 2: Hazards Identification

**Classification (REGULATION (EC) No 1272/2008):** Not a hazardous substance or mixture.

**Labelling (REGULATION (EC) No 1272/2008):** Not a hazardous substance or mixture.

**Additional Labelling:** Safety data sheet available on request. 1,2-benzisothiazol-3(2H)-one. 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction. For 2-Methyl-2H-Isothiazol-3-one (MIT), a labelling threshold of 15 ppm is voluntarily used in accordance with the CEPE recommendation (instead of 100 ppm).

**Regulation Concerning Biocidal Products (528/2012):** Contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. As active agents for storage protection in accordance with Biocidal Product Regulation (528/2012), Article 58(3)

**Other Hazards:** Results of PBT and vPvB assessment Not applicable

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### Section 3: Composition/Information on Ingredients

**Mixtures:** Chemical nature Water dilutable interior plaster

**Hazardous Components:** Remarks : No hazardous ingredients

## StarSilent Finish SDS

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### Section 4: First Aid Measures

**General Advice:** In the case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person. If unconscious place in recovery position and seek medical advice.

**Inhalation:** Remove to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.

**Skin Contact:** Take off all contaminated clothing immediately. Wash skin thoroughly with soap and water or use recognized skin cleanser. Do NOT use solvents or thinners. If skin irritation persists, call a physician.

**Eye Contact:** In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.

**Ingestion:** Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. Keep at rest.

**Symptoms:** No information available.

**Treatment:** Treat symptomatically. No information available.

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### Section 5: Firefighting Measures

**Suitable Extinguishing Media:** Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical & Water spray

**Unsuitable Extinguishing Media:** High volume water jet

**Special Hazards Arising from The Substance or Mixture:** In set state, the product itself is classified as non-combustible in accordance with EN 13501-1. Fire may cause evolution of: Carbon monoxide, Carbon dioxide (CO<sub>2</sub>) & Nitrogen oxides (NO<sub>x</sub>)

**Advice for Firefighters:** Wear self-contained breathing apparatus for firefighting if necessary.

**Additional Advice:** Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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### Section 6: Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:** Ensure adequate ventilation. Do not breathe vapor.

**Environmental Precautions:** The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.

**Methods and Material for Containment and Cleaning Up:** Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Clean with detergents. Avoid solvents. Dispose of contaminated material as waste according to item 13. Clean contaminated surface thoroughly.

**Reference to Other:** Refer to protective measures listed in sections 7 and 8.

## StarSilent Finish SDS

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### Section 7: Handling and Storage

**Advice on Safe Handling:** Avoid contact with skin and eyes. Prevent unauthorized access. Provide sufficient air exchange and/or exhaust in work rooms. Comply with the statutory regulations on health and safety at work.

**Hygiene Measures:** Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

**Requirements for Storage Areas and Containers:** Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in original container. Observe label precautions. Protect from frost, heat and sunlight.

**Advice on Common Storage:** Keep away from oxidizing agents and strongly acid or alkaline materials.

**Specific End Use(s):** For further information, see also Technical Data Sheet for the product.

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### Section 8: Exposure Controls/Personal Protection

**Control Parameters:** Contains no substances with occupational exposure limit values. The lists that were valid during the creation were used as basis.

**Appropriate Engineering Controls:** Ensure good ventilation; if possible, use / install internal extractor equipment. Individual protection measures, such as personal protective equipment

**Eye / Face Protection:** Wear protective goggles for protection against splashed liquid. Safety glasses with side-shields conforming to EN166

**Skin / Hand Protection:** Recommended preventive skin protection. Before starting work, apply water-resistant skincare preparations to exposed skin areas. Protective gloves should be worn in case of skin contact during preparation and application. Break through time: 480 min Minimum thickness: 0,11 mm Gloves made of nitrile rubber, e.g. KCL 740 Dermatril® (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Cotton undergloves are recommendable when wearing protective gloves! Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

**Body Protection:** Work clothes. Skin should be washed after contact. Do NOT use solvents or thinners.

**Respiratory Protection:** No personal respiratory protective equipment normally required. In case of insufficient ventilation, wear suitable respiratory equipment. Employees involved in spraying work or in the immediate vicinity of such work should use a P2 particle filter against spray fog. Respiratory protection complying with EN 143.

**Environmental Exposure Controls:** General advice: The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.

## StarSilent Finish SDS

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### 09. Physical And Chemical Properties

#### Appearance

Appearance	Paste
Color	White
Odor	Mild
Odor Threshold	No data available
pH	ca. 8,5, 20 °C
Melting point/freezing point	Not applicable
Initial boiling point/boiling range	Not applicable
Flash point	Not applicable
Evaporation rate	Not applicable
Flammability (solid, gas)	The product is not flammable.
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available
Density	ca. 1,6 g/cm <sup>3</sup> , 20 °C
Solubility(ies)(Water)	Completely miscible
Partition coefficient: Noctanol / water	Not determined
Auto-ignition temperature	Not auto-flammable
Ignition temperature	No data available
Viscosity, dynamic	ca. 18.000 - 23.000 mPa.s (20 °C)
Explosive properties	Not explosive
Oxidizing properties	Not applicable

**Other information:** Flow time. No data available

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### Section 10: Stability And Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical Stability:** Stable under normal conditions.

**Hazardous Reactions:** This information is not available.

**Conditions to Avoid:** Stable under recommended storage and handling conditions (see section 7).

**Materials to Avoid:** Strong acids and strong bases. Strong oxidizing agents

**Hazardous Decomposition Products:** No decomposition if stored and applied as directed.

**Decomposition Temperature:** No data available

## StarSilent Finish SDS

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### Section 11: Toxicological Information

#### Information on Toxicological Effects

##### Product

Acute oral toxicity	Based on available data, the classification criteria are not met.
Acute inhalation toxicity	Based on available data, the classification criteria are not met.
Acute dermal toxicity	Based on available data, the classification criteria are not met.
Skin corrosion/irritation	Based on available data, the classification criteria are not met.
Serious eye damage/eye irritation	Based on available data, the classification criteria are not met.
Respiratory or skin sensitization	Based on available data, the classification criteria are not met.
Germ cell mutagenicity	
Genotoxicity in vitro	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive toxicity	
Effects on fertility	Based on available data, the classification criteria are not met.
Developmental Toxicity	Based on available data, the classification criteria are not met.
STOT - single exposure	Based on available data, the classification criteria are not met.
STOT - repeated exposure	Based on available data, the classification criteria are not met.
Aspiration hazard	Based on available data, the classification criteria are not met.

**Further information:** The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

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### Section 12: Ecological Information

#### Toxicity

Product: Toxicity to fish No data available

#### Persistence and Degradability

Product: Biodegradability No data available

#### Bio Accumulative Potential

Product: Bioaccumulation No data available

#### Mobility in Soil

Product: Mobility No data available

#### Results of PBT and vPvB Assessment

Product: Assessment This substance/mixture contains no components considered to be either persistent, bio accumulative and toxic (PBT), or very persistent and very bio accumulative (vPvB) at levels of 0.1% or higher.

#### Other Adverse Effects

Product: Additional ecological information Do not allow product to enter into ground water, bodies of water or sewage systems.

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### Section 13: Disposal Considerations

#### Waste Treatment Methods

Product: The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" Allow plaster residues to dry, or thicken with cementitious binders.

Contaminated packaging: Empty packaging should be recycled through disposal systems.

Waste key for the unused product 08 01 12: Waste paint and varnish other than those covered by 08 01 11

## StarSilent Finish SDS

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### Section 14: Transport Information

<b>UN Number</b>	Not regulated as a dangerous good
<b>UN Proper Shipping Name</b>	Not regulated as a dangerous good
<b>Transport Hazard Class(es)</b>	Not regulated as a dangerous good
<b>Packing Group</b>	Not regulated as a dangerous good
<b>Environmental Hazards</b>	Not regulated as a dangerous good

#### Special Precautions for User

Remarks: This information is not available.

#### Transport in Bulk According to Annex II of Marpol and the IBC Code

Remarks: Not applicable

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### Section 15: Regulatory Information

#### Safety, Health and Environmental Regulations / Legislation Specific for the Substance or Mixture Assessment

Directive 2010/75/EU	0 %
Directive 2004/42/EC	0 %
	EU limit value for this product (cat. A/a30 g/l/This product contains max30 g/IVOC.
Other regulations	Comply with the statutory regulations on health and safety at work.

**Material Safety Assessment:** This information is not available.

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### Section 16: Other Information

#### Full Text of H-Statements Referred to Under Sections 2 and 3.

Department issuing SDS: Department Pyrok, Inc. New York, NY [howard@pyrok.com](mailto:howard@pyrok.com)

#### Further Information

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Changes from the previous version are indicated by markings in the left-hand margin. The details given in this safety data sheet correspond to our present state of knowledge and conform to both national and EU legislation. The working conditions of the user are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The details given in this safety data sheet describe the safety requirements of our product and do not constitute any assurance of product properties.