

StarSilent Base SDS

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

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

Section 3: Composition/Information on Ingredients

Mixtures: Chemical nature Water based paste.

Hazardous Components: Remarks : No hazardous ingredients

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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.

Section 5: Firefighting Measures

Suitable Extinguishing Media: Alcohol-resistant foam, Carbon dioxide (CO₂), 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 (CO₂) & Nitrogen oxides (NO_x)

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.

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.

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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.

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.

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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 ³ , 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

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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).

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.
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

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

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.

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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

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