

# SAFETY DATA SHEET

## Aerocoat Surface Seal

MSDS Date: 9-27-2017

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### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Aerocoat Surface Seal

**OTHER MEANS OF IDENTIFICATION**

**SYNONYMS:**

**PRODUCT CODES:** 99-9

**CHEMICAL NAME:** Silicone Dispersion

**CHEMICAL FAMILY:** Silicone

**CHEMICAL FORMULA:** N/A

**RECOMMENDED USE OF CHEMICAL AND RESTRICTIONS ON USE**

**PRODUCT USES:** Protective Surface Coating, not recommended for use on non-carpeted flooring.

**Aerocoat International**

**Hangar 2**

**Earls Colne Airfield**

**Essex**

**CO6 2NS**

**EMERGENCY PHONE NUMBER:** 01787 222668

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### SECTION 2: HAZARDS IDENTIFICATION

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**HAZARD CLASSIFICATION**

**H302 Acute Toxicity – Oral: Category 4**

**LABEL ELEMENTS**

**Hazard Pictograms**



Signal Word: **WARNING**

**Hazards**

H302 Harmful if swallowed.

H361F Suspected of damaging fertility.

**PRECAUTIONARY STATEMENTS**

**Prevention**

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash hands thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

**Response**

P301+P312 IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P330: Rinse mouth.

P308+P313 IF exposed or concerned: Get medical advice/attention.

**Storage**

P405 Store locked up.

**Disposal**

P501 Dispose of contents and container to an approved waste disposal plant.

**OTHER HAZARDS**

Harmful if swallowed.

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**SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

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**INGREDIENT:** Mixture

Proprietary formula	5 -10% by Weight
Water	90 - 95% by Weight

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**SECTION 4: FIRST-AID MEASURES**

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**EYE CONTACT:** Thoroughly flush the eyes with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses. If irritation persists, seek medical attention.

**SKIN CONTACT:** Wash skin with soap and copious amounts of water for at least 20 minutes. Remove contaminated clothing, and any extraneous chemical. Wash clothing before reuse. Seek medical attention.

**INHALATION:** Remove person to fresh air. If signs/symptoms continue, get medical attention. Give oxygen or artificial respiration as needed.

**INGESTION:** DO NOT induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. If a person vomits when lying on his back, place him in the recovery position. Prevent aspiration of vomit. Turn victim's head to the side.

**Most Important Symptoms/Effects, Acute and Delayed:**

Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore throat.

**Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary.**

N/A

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**Suitable Extinguishing Media:** Alcohol-resistant foam, Carbon Dioxide, Dry chemical, Dry sand, Limestone powder.

**Unsuitable Extinguishing Media:** No data available

**Specific Hazards Arising From Chemical:**

Incomplete combustion may form carbon monoxide. Burning produces noxious and toxic fumes. Downwind personnel must be evacuated.

**Special Protective Equipment and Precautions for Fire-Fighters:** Use personal protective equipment. Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Keep unopened containers cool by spraying with water.

**Special Firefighting Procedures:** Do not allow run-off from fire fighting to enter drains or water courses.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**Personal Precautions, Protective Equipment and Emergency Procedures:** Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

**Environmental Precautions:** Stop leak. Contain spill if possible and safe to do so. Prevent product from entering environment; drains, sewers or waterways.

**Methods and Materials for Containment and Cleaning Up:** Contain spill and put the material into a convenient waste disposal container. Keep container closed. Local authorities should be advised if significant spillages cannot be contained.

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**SECTION 7: HANDLING AND STORAGE**

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**Precautions for Safe Handling:** Emergency showers and eye wash stations should be readily accessible. Adhere to work practice rules established by government regulations. Use in well-ventilated areas. Avoid contact with eyes. Avoid breathing vapors and/or aerosols. Use personal protective equipment. When using, do not eat, drink or smoke.

**Conditions for Safe Storage, Including any Incompatibilities:** Keep away from direct sunlight. Overheating should be avoided. When vigorously mixed in the presence of oxygen at temperatures >125F, it can degrade product quality. Storage under inert atmosphere is recommended. Keep container tightly closed in a dry, cool and well-ventilated place. Do not store with strong oxidizing agents.

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**CONTROL PARAMETERS**

*Occupational and Biological Exposure Limits are Listed Below, if they exist.*

**ENGINEERING CONTROLS:** Provide readily available eye-wash stations and safety showers. Provide adequate, natural or explosion-proof ventilation, to ensure concentrations are kept below exposure limits.

**INDIVIDUAL PROTECTION MEASURES/EQUIPMENT**

**EYES:** Use chemical safety goggles and/or a full face shield where splashing is possible. Use equipment approved by appropriate government standards, such as NIOSH (US) or EN166 (EU). Maintain eye wash fountain and quick-drench facilities in work area.

**SKIN:** Long sleeved shirts and trousers without cuffs.

**HANDS:** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Wash hand thoroughly after use.

**RESPIRATORY PROTECTION:** Wear appropriate respirator when ventilation is inadequate.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE:**

**Physical State:** Liquid

**Color:** Milky White

**ODOR:** Mild

**Odor Threshold:** N/A

**PH:** No Data

**MELTING POINT:** No data

**FREEZING POINT:** 32F

**BOILING POINT/range:** 212F

**FLASH POINT: Closed Cup:** No data

**EVAPORATION RATE:** No data

**FLAMMABILITY (solid,gas):** Non-Flammable

**UPPER/LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:** N/A

**VAPOR PRESSURE:** No data

**VAPOR DENSITY:** No data

**RELATIVE DENSITY: (WATER=1);** 1.0

**SOLUBILITY:** Disperses in Water

**PARTITION COEFFICIENT: n-octanol/water;** No data

**AUTO-IGNITION TEMPERATURE:** No data

**DECOMPOSITION TEMPERATURE:** No data

**VISCOSITY:** 10 - 100 CPS

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**SECTION 10: STABILITY AND REACTIVITY**

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**REACTIVITY:** No data

**CHEMICAL STABILITY:** Stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No data

**CONDITIONS TO AVOID:** Direct sunlight.

**INCOMPATIBLE MATERIALS:** Reactive metals, materials reactive with hydroxyl compounds, dehydrating agents, copper alloys, strong acids, oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon Monoxide, Carbon Dioxide, Aldehydes, Flammable Hydrocarbon Fragments.

**HAZARDOUS POLYMERIZATION:** No data

**HAZARDOUS DECOMPOSITION PRODUCTS:** No data

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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*Toxicological data on this product or its components appear in this section when such data is available.*

**LIKELY ROUTES OF EXPOSURE**

**Inhalation:** No data.

**Ingestion:** Harmful if swallowed.

**Skin Contact:** Slightly irritating to the skin.

**Eye Contact:** Mildly irritating to the eye.

**SYMPTOMS RELATED TO PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS**

Repeated and/or prolonged exposure to low concentrations of vapors and/or aerosols may cause: Sore Throat.

**DELAYED IMMEDIATE AND CHRONIC EFFECTS OF SHORT AND LONG TERM EXPOSURE**

**Eyes:** No data

**Ingestion:** No data

**Inhalation:** May cause sore throat.

**Skin:** No data

**Chronic:** No data

**TOXICITY**

An ingredient of this product is suspected of damaging fertility based on animal experiments.

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by IARC, OSHA, ACGIH or NTP.

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**SECTION 12: ECOLOGICAL INFORMATION**

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*Ecological data on this product or its components appear in this section when such data is available.*

**ECOTOXICITY:** No data

**PERSISTENCE AND DEGRADABILITY:** No data

**BIOACCUMULATION POTENTIAL:** No data

**MOBILITY IN SOIL:** No data

**OTHER ADVERSE EFFECTS:** No data is available on the product itself.

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**Waste Disposal Method:** Observe all federal, state, and local environmental regulations. Contact a licensed professional waste disposal service to dispose of this material. This product shall not enter drains, water courses or the soil.

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**SECTION 14: TRANSPORT INFORMATION**

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**DOT/IATA: Not regulated as a dangerous good.**

**UN Number:** N/A

**Proper Shipping Name:** N/A

**Class:** N/A

**Packing Group:** N/A

**Environmental Hazards:** N/A

**Transport in bulk:** Consult IMO regulations before transporting ocean bulk

**SPECIAL PRECAUTIONS:** None

This information is not intended to convey all specific regulatory or operational requirements or information relating to this product. Transportation classifications may vary by container volume and regional variations. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

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**SECTION 15: REGULATORY INFORMATION**

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**OSHA STATUS:** N/A

**CERCLA REPORTABLE QUANTITY:** No data

**SARA TITLE III:**

**SECTION 302 EXTREMELY**

**HAZARDOUS SUBSTANCES:** No chemicals in this material are subject to the reporting of SARA Title III, Section 302.

**SECTION 311/312**

**HAZARD CATEGORIES:** Acute health hazard

**SECTION 313**

**WHMIS (Canada):** No data

**CALIFORNIA PROPOSITION 65**

The chemical identified with this code (CA65C), contains no listed substances known to the State of California to cause birth defects or other reproductive harm.

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**SECTION 16: OTHER INFORMATION**

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**OTHER INFORMATION:**

**HMIS:**                      **Health 2**                      **Flammability 1**                      **Reactivity 0**

**Prepared by:** ALD

**DISCLAIMER:**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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