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SAFETY DATA SHEET
according to REACH regulation 1907/2006

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: **6BR SENSOR SAFE BLUE SILICONE RTV 3 OZ**
Item No: **80022**
Recommended use: **Silicone elastomer**

2. HAZARDS IDENTIFICATION

Classification: Xi - Irritant
Most Important Hazards: Irritating to eyes and skin. Irritating to mouth, throat and stomach. When this product is exposed to moisture, acetic acid may be formed. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	EC Number	EU Classification
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	Not determined	None
AMORPHOUS SILICA 7631-86-9	5-25	231-545-4	None
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	<7	265-148-2	Carc. Cat.2;R45 Nota N N:R51/53
ETHYLTRIACETOXSILANE 17689-77-9	<5	241-677-4	C;R34 Xn;R22 R14
METHYLTRIACETOXSILANE 4253-34-3	<5	224-221-9	C;R34 Xn;R22 R14
POLYDIMETHYLSILOXANE 63148-62-9	<5	Not determined	None
ACETIC ACID 64-19-7	0.5-2.0	200-580-7	C;R35 R10

4. FIRST-AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible).
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.
Skin Contact: Wipe off material with paper towel or cloth. Wash off with soap and water. If skin irritation persists, call a physician.
Eye Contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

4. FIRST-AID MEASURES

Ingestion: Rinse mouth. If swallowed, seek medical advice immediately and show this container or label.

Protection of first-aiders: Use personal protective equipment. Avoid contact with skin, eyes and clothing.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide (CO₂), Dry chemical, foam

Extinguishing media which must not be used for safety reasons: None reasonably foreseeable.

Special instructions for protection and hygiene: Thermal decomposition can lead to release of irritating gases and vapours.

Special protective equipment for firefighters: Use personal protective equipment. Avoid contact with eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: For additional information on processing see sections 7, 8 and 11 of this safety data sheet.

Environmental Precautions: Do not flush into surface water or sanitary sewer system.

Cleanup: Scrape up. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Slippery, can cause falls if walked on.

7. HANDLING AND STORAGE

Handling precautions: Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. Do not ingest. Wash hands before breaks and immediately after handling the product.

Storage: Store in cool place. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Component	ACGIH; TLV-TWA	German MAK; TWA	UK WEL; TWA	Finnish OEL; HTP
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	Not listed	Not listed	Not listed	Not listed
AMORPHOUS SILICA 7631-86-9	10 mg/m ³	4 mg/m ³	6 mg/m ³	Not listed
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	5 mg/m ³	Not listed	Not listed	Not listed
ETHYLTRIACETOXYSILANE 17689-77-9	Not listed	Not listed	Not listed	Not listed
METHYLTRIACETOXYSILANE 4253-34-3	Not listed	Not listed	Not listed	Not listed
POLYDIMETHYLSILOXANE 63148-62-9	Not listed	Not listed	Not listed	Not listed
ACETIC ACID 64-19-7	10 ppm	10 ppm; 25 mg/m ³	Not listed	8h: 5 ppm, 13 mg/m ³ : 15min: 10 ppm, 25 mg/m ³

Ventilation: Provide adequate ventilation .

Respiratory Protection: In case of insufficient ventilation, wear suitable respiratory equipment.
Skin: Neoprene or nitrile gloves recommended.
Eyes: Safety glasses
Hygiene Measures: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Blue paste
Odor: Acetic acid
pH: Does not apply
Boiling point/range: Not applicable polymerization
Melting point: Not determined
Flash point: >95°C
Risk of explosion: None reasonably foreseeable.
Vapor pressure: <5 mm Hg
Density: 1.04
Solubility in water: polymerization
Partition coefficient (n-octanol/water): Not determined
Vapor density: >1 (Air = 1)
Evaporation Rate: Not determined
VOC Content(%): 4.6%

10. STABILITY/REACTIVITY

Stability: Stable at normal conditions.
Conditions to Avoid: Exposure to moisture
Materials to avoid: Polymerization can occur, Strong oxidizing agents, Water, Acids
Hazardous decomposition products: Carbon oxides, acetic acid, formaldehyde

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat
POLY (DIMETHYLSILOXANE), HYDROXY TERMINATED 70131-67-8	>60	>40,000 mg/kg	>535 mg/l
AMORPHOUS SILICA 7631-86-9	5-25	>5000 mg/kg	>2.2 mg/L/1H
DISTILLATES (PETROLEUM), HYDROTREATED MIDDLE 64742-46-7	<7	7400 mg/kg	4.6 mg/L/4H
METHYLTRIACETOXSILANE 4253-34-3	<5	2060 mg/kg	
POLYDIMETHYLSILOXANE 63148-62-9	<5	>17 g/kg	
ACETIC ACID 64-19-7	0.5-2.0	3310 mg/kg	11.4 mg/L/1H

Local Effects

Skin Irritation: May cause skin irritation and/or dermatitis.
Eye Irritation: Irritating, but will not permanently injure eye tissue.
Inhalation: May cause irritation of respiratory tract. May cause irritation of the mucous membranes. Thermal decomposition can lead to release of irritating gases and vapors. Note: This product does not contain microcrystalline silica.
Ingestion: Irritating to mouth, throat and stomach.
Sensitization: None reasonably foreseeable.
Chronic toxicity: None reasonably foreseeable

Specific Effects

Product Name: 6BR SENSOR SAFE BLUE SILICONE
RTV 3 OZ

Item No: 80022

Carcinogenic effects: May form formaldehyde at high temperatures.
Mutagenic effects: None reasonably foreseeable.
Reproductive toxicity: None reasonably foreseeable
Target Organ Effects: Eyes, Gastrointestinal Tract, Respiratory System, Skin

12. ECOLOGICAL INFORMATION

Ecotoxicity: May cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Waste from Residues: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

RoHS/WEEE: This product is in compliance with EU Directive 2002/95/EC Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS) and EU Directive 2002/96/EC Restriction on waste electrical and electronic equipment (WEEE).

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
UN/ID No: Not applicable

IMDG

Proper shipping name: Not applicable
Hazard Class: Not applicable
UN/ID No: Not applicable
Marine Pollutant: None

ADR/RID

Proper Shipping Name: Not regulated
Hazard Class: Not applicable
UN/ID No: None

15. REGULATORY INFORMATION

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Suspect cancer is not applicable - Refer to Section 2.

Indication of Danger:

Xi - Irritant

R -phrase(s):

R36/38 - Irritating to eyes and skin

R52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S -phrase(s):

S 2 - Keep out of the reach of children

S24/25 - Avoid contact with skin and eyes

S37 - Wear suitable gloves

S51 - Use only in well ventilated areas

S61 - Avoid release to the environment. Refer to special instructions/safety data sheets

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16. OTHER INFORMATION

Risk Phrases mentioned in Section 2:

R10 - Flammable.

R14 - Reacts violently with water.

R22 - Harmful if swallowed.

R34 - Causes burns.

R35 - Causes severe burns.

R45 - May cause cancer.

R51/53 - Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

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Revision Date: June/27/2008

Revision Number: 7