AkzoNobel

SAFETY DATA SHEET

FRC SEMI-GLOSS BASE GREY S4000-7016/ B680

Section 1. Identification

FRC SEMI-GLOSS BASE GREY S4000-7016/ B680 : **Product identifier**

6892B680B : **SDS code**

Recommended use of the chemical and restrictions on use

Identified uses
Waterborne paint. Professional use Industrial use

All other uses

Waterborne coating for interior use. : **Product use**

Supplier's details

MAPAERO SAS
10, Avenue de la Rijole CS30098
09103 PAMIERS Cedex
France

: **Importer**

PSRA_PAMIERS@akzonobel.com : **e-mail address of person responsible for this SDS**

+33 (0)5 34 01 34 01
+33 (0)5 61 60 23 30 : **Emergency telephone number**

Section 2. Hazard identification

SKIN SENSITIZATION - Category 1
AQUATIC HAZARD (ACUTE) - Category 3
AQUATIC HAZARD (LONG-TERM) - Category 3 : **Classification of the substance or mixture**

GHS label elements

 : **Hazard pictograms**

Warning : **Signal word**

May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects. : **Hazard statements**

Precautionary statements

Wear protective gloves. Avoid release to the environment. Avoid breathing vapor. : **Prevention**

Take off contaminated clothing and wash it before reuse. IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice or attention. : **Response**

Not applicable. : **Storage**

Dispose of contents and container in accordance with all local, regional, national and international regulations. : **Disposal**

Section 2. Hazard identification

None known. : **Other hazards which do not result in classification**

Section 3. Composition/information on ingredients

Mixture : **Substance/mixture**

CAS number	%	Ingredient name
77-99-6 55965-84-9	≤0.3 <0.025	propylidynetrimethanol C(M)IT/MIT(3:1)

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

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

Section 4. First aid measures

Description of necessary first aid measures

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention if irritation occurs. : **Eye contact**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention if adverse health effects persist or are severe. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. : **Inhalation**

Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse. : **Skin contact**

Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. : **Ingestion**

Most important symptoms/effects, acute and delayed

Potential acute health effects

No known significant effects or critical hazards. : **Eye contact**

No known significant effects or critical hazards. : **Inhalation**

May cause an allergic skin reaction. : **Skin contact**

No known significant effects or critical hazards. : **Ingestion**

Over-exposure signs/symptoms

No specific data. : **Eye contact**

No specific data. : **Inhalation**

Section 4. First aid measures

Adverse symptoms may include the following:
irritation
redness
: **Skin contact**

No specific data.
: **Ingestion**

Indication of immediate medical attention and special treatment needed, if necessary

In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
: **Notes to physician**

No specific treatment.
: **Specific treatments**

No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.
: **Protection of first-aiders**

See toxicological information (Section 11)

Section 5. Fire-fighting measures

Extinguishing media

Use an extinguishing agent suitable for the surrounding fire.
: **Suitable extinguishing media**

None known.
: **Unsuitable extinguishing media**

In a fire or if heated, a pressure increase will occur and the container may burst. This material is harmful to aquatic life with long lasting effects. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
: **Specific hazards arising from the chemical**

Decomposition products may include the following materials:
carbon dioxide
carbon monoxide
nitrogen oxides
halogenated compounds
metal oxide/oxides
: **Hazardous thermal decomposition products**

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
: **Special protective actions for fire-fighters**

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
: **Special protective equipment for fire-fighters**

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
: **For non-emergency personnel**

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
: **For emergency responders**

Section 6. Accidental release measures

: Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.

Methods and materials for containment and cleaning up

: Small spill

Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

: Large spill

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

: Protective measures

Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

: Advice on general occupational hygiene

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

: Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

: Appropriate engineering controls

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

: Environmental exposure controls

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Section 8. Exposure controls/personal protection

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.	**: Hygiene measures**
Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.	**: Eye/face protection**

Skin protection

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. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.	**: Hand protection**
Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	**: Body protection**
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	**: Other skin protection**
Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.	**: Respiratory protection**

Section 9. Physical and chemical properties and safety characteristics

Appearance

Liquid.	**: Physical state**
Gray.	**: Color**
Characteristic.	**: Odor**
Not available.	**: Odor threshold**
8	**: pH**
Not available.	**: Melting point/freezing point**
Not available.	**: Boiling point**
Closed cup: 105°C (221°F)	**: Flash point**
Not available.	**: Evaporation rate**
Not available.	**: Flammability**
Not available.	**: Lower and upper explosion limit/flammability limit**
Not available.	**: Vapor pressure**
Highest known value: (Oxirane, 2-methyl-, polymer with oxirane, monobutyl ether).	**: Relative vapor density**
Not available.	**: Relative density**
Easily soluble in the following materials: cold water.	**: Solubility**
Not available.	**: Partition coefficient: n-octanol/water**
Not available.	**: Auto-ignition temperature**

Section 9. Physical and chemical properties and safety characteristics

Not available.	: **Decomposition temperature**
Kinematic (room temperature): 4.06 cm^2/s (406 cSt) Kinematic (40°C (104°F)): 2.01 cm^2/s (201 cSt)	: **Viscosity**
Not available.	: **Flow time (ISO 2431)**
1.43 g/cm^3	: **Density**

Section 10. Stability and reactivity

No specific test data related to reactivity available for this product or its ingredients.	: **Reactivity**
The product is stable.	: **Chemical stability**
Under normal conditions of storage and use, hazardous reactions will not occur.	: **Possibility of hazardous reactions**
No specific data.	: **Conditions to avoid**
No specific data.	: **Incompatible materials**
Under normal conditions of storage and use, hazardous decomposition products should not be produced.	: **Hazardous decomposition products**

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

Exposure	Dose	Species	Result	Product/ingredient name
-	13700 mg/kg	Mouse	LD50 Oral	propylidynetrimethanol
-	14000 mg/kg	Mouse	LD50 Oral	
-	14100 mg/kg	Rat	LD50 Oral	
-	14000 mg/kg	Rat	LD50 Oral	

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Reproductive toxicity

Not available.

Teratogenicity

Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Section 11. Toxicological information

Aspiration hazard

Not available.

Not available. : **Information on the likely routes of exposure**

Potential acute health effects

No known significant effects or critical hazards. : **Eye contact**

No known significant effects or critical hazards. : **Inhalation**

May cause an allergic skin reaction. : **Skin contact**

No known significant effects or critical hazards. : **Ingestion**

Symptoms related to the physical, chemical and toxicological characteristics

No specific data. : **Eye contact**

No specific data. : **Inhalation**

Adverse symptoms may include the following: : **Skin contact**
irritation
redness

No specific data. : **Ingestion**

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Not available. : **Potential immediate effects**

Not available. : **Potential delayed effects**

Long term exposure

Not available. : **Potential immediate effects**

Not available. : **Potential delayed effects**

Potential chronic health effects

Not available.

Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels. : **General**

No known significant effects or critical hazards. : **Carcinogenicity**

No known significant effects or critical hazards. : **Mutagenicity**

No known significant effects or critical hazards. : **Reproductive toxicity**

Section 12. Ecological information

Toxicity

Exposure	Species	Result	Product/ingredient name
48 hours 96 hours	Daphnia - Daphnia magna Fish - Cyprinodon variegatus	Acute EC50 13000000 µg/l Fresh water Acute LC50 14400000 µg/l Marine water	propylidynetrimethanol

Persistence and degradability

Not available.

Section 12. Ecological information

Bioaccumulative potential

Potential	BCF	$LogP_{ow}$	Product/ingredient name
low	<1	-0.47	propylidynetrimethanol

Mobility in soil

Not available.

: **Soil/water partition coefficient (K_{OC})**

No known significant effects or critical hazards.

: **Other adverse effects**

Section 13. Disposal considerations

: **Disposal methods**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Section 14. Transport information

IATA	IMDG	UN	
Not regulated.	Not regulated.	Not regulated.	**UN number**
-	-	-	**UN proper shipping name**
-	-	-	**Transport hazard class(es)**
-	-	-	**Packing group**
No.	No.	No.	**Environmental hazards**

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

: **Special precautions for user**

Not available.

: **Transport in bulk according to IMO instruments**

Section 15. Regulatory information

Inventory list

Not determined.	: **Australia**
At least one component is not listed.	: **Canada**
Not determined.	: **China**
Not determined.	: **Europe**
Japan inventory (ENCS): Not determined. **Japan inventory (ISHL)**: Not determined.	: **Japan**
Not determined.	: **New Zealand**
Not determined.	: **Philippines**
Not determined.	: **Republic of Korea**
Not determined.	: **Taiwan**
Not determined.	: **Thailand**
Not determined.	: **Turkey**
Not determined.	: **United States**
Not determined.	: **Viet Nam**

Section 16. Other information

History

2 November 2022	: **Date of printing**
2 November 2022	: **Date of issue/Date of revision**
21 October 2022	: **Date of previous issue**
2	: **Version**
	: **Unique ID**
ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Intermediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations	: **Key to abbreviations**

Procedure used to derive the classification

Justification	Classification
Calculation method	SKIN SENSITIZATION - Category 1
Calculation method	AQUATIC HAZARD (ACUTE) - Category 3
Calculation method	AQUATIC HAZARD (LONG-TERM) - Category 3

Indicates information that has changed from previously issued version.

Notice to reader

FOR PROFESSIONAL USE ONLY
IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless

Section 16. Other information

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