AkzoNobel

SAFETY DATA SHEET

FR2-55 MATT 4-8GU BASE FIRE RED AIC 28.1

Section 1. Identification

FR2-55 MATT 4-8GU BASE FIRE RED AIC 28.1 : **Product identifier**

55782801B : **SDS code**

Recommended use of the chemical and restrictions on use

Identified uses
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

Not classified. : **Classification of the substance or mixture**

GHS label elements

No signal word. : **Signal word**

No known significant effects or critical hazards. : **Hazard statements**

Precautionary statements

Not applicable. : **Prevention**

Not applicable. : **Response**

Not applicable. : **Storage**

Not applicable. : **Disposal**

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

Section 3. Composition/information on ingredients

Mixture : **Substance/mixture**

Not available. : **Other means of identification**

CAS number	%	Ingredient name
55965-84-9	<0.0015	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. Get medical attention if irritation occurs. : **Eye contact**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. 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**

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. : **Skin contact**

Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. : **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**

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

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

Over-exposure signs/symptoms

No specific data. : **Eye contact**

No specific data. : **Inhalation**

No specific data. : **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. : **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.	: **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. 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**
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).	: **Environmental precautions**

Methods and materials for containment and cleaning up

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.	: **Small spill**
Stop leak if without risk. Move containers from spill area. 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. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.	: **Large spill**

Section 7. Handling and storage

Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8). : **Protective measures**

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. : **Advice on general occupational hygiene**

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. : **Conditions for safe storage, including any incompatibilities**

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

None.

Good general ventilation should be sufficient to control worker exposure to airborne contaminants. : **Appropriate engineering 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. : **Environmental exposure controls**

Individual protection measures

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. 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. : **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

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

Appearance

Liquid. : **Physical state**

Red. : **Color**

Characteristic. : **Odor**

Not available. : **Odor threshold**

8 [DIN EN 1262] : **pH**

Not available. : **Melting point/freezing point**

Not available. : **Boiling point, initial boiling point, and boiling range**

Closed cup: 105°C (221°F) [Pensky-Martens] : **Flash point**

Not available. : **Flammability**

Not available. : **Lower and upper explosion limit/flammability limit**

: **Vapor pressure**

Vapor pressure at 50˚C			Vapor Pressure at 20˚C			
Method	**kPa**	**mm Hg**	**Method**	**kPa**	**mm Hg**	**Ingredient name**
				9.6	72.31	ammonia, anhydrous
				0.13	0.99	octamethylcyclotetrasiloxane
				0.1	0.75	2-butoxyethanol
				0.1	0.75	Polyether modified siloxane
				0.033	0.25	decamethylcyclopentasiloxane
				<0.01	<0.075	aluminium hydroxide
				0.00012	0.00087	N,N'-ethylenedi (stearamide)
			OECD 104	<0.0000001	<0.00000075	1,1'-(ethane-1,2-diyl)bis [pentabromobenzene]
			EU A.4	0	0	IRGAZIN DPP ORANGE 16A
				0	0	propylidynetrimethanol
			EU A.4	0	0	29H,31H-phthalocyaninato(2-)-N29,N30,N31,N32 copper

Not available. : **Relative vapor density**

1.21 g/cm³ [DIN EN ISO 2811-1] : **Density**

: **Solubility(ies)**

Media	Result
cold water	Soluble [OESO (TG 105)]

Not available. : **Solubility in water**

Not applicable. : **Partition coefficient: n-octanol/water**

: **Auto-ignition temperature**

Section 9. Physical and chemical properties and safety characteristics

Method	°F	°C	Ingredient name
	>284	>140	4-[[4-(aminocarbonyl)phenyl]azo]-N-(2-ethoxyphenyl) -3-hydroxynaphthalene-2-carboxamide
DIN 51794	446	230	2-butoxyethanol
	472.7	244.85	Paraffin waxes and Hydrocarbon waxes
	626 to 770	330 to 410	Ethene, homopolymer
EU A.16	672.8	356	29H,31H-phthalocyaninato(2-)-N29, N30,N31,N32 copper
	694.4 to 699.8	368 to 371	dodecamethylcyclohexasiloxane
ASTM E 659-78	701.6	372	decamethylcyclopentasiloxane
DIN 51794	716	380	N,N'-ethylenedi(stearamide)
ASTM E 659	723.2 to 728.6	384 to 387	octamethylcyclotetrasiloxane
	1203.8	651	ammonia, anhydrous

Not available. : **Decomposition temperature**

Kinematic (room temperature): 992 mm^2/s (992 cSt) [DIN EN ISO 3219] : **Viscosity**
Kinematic (40°C (104°F)): 201 mm^2/s (201 cSt) [DIN EN ISO 3219]

Particle characteristics

Not applicable. : **Median particle size**

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

Not available.

Irritation/Corrosion

Not available.

Sensitization

Not available.

Mutagenicity

Not available.

Section 11. Toxicological information

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.

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**

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

No specific data. : **Skin contact**

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.

No known significant effects or critical hazards. : **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

Not available.

Persistence and degradability

Not available.

Bioaccumulative potential

Not available.

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. 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**

Additional information

: **IMDG**

IMDG Code Segregation group Not applicable

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**

Section 14. Transport information

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**

Russian Federation inventory: Not determined. : **Eurasian Economic Union**

Japan inventory (CSCL): Not determined. : **Japan**

Japan inventory (ISHL): Not determined.

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

9 December 2022 : **Date of printing**

9 December 2022 : **Date of issue/Date of revision**

6 October 2022 : **Date of previous issue**

1.02 : **Version**

: **Unique ID**

: **Key to abbreviations**

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

Procedure used to derive the classification

Justification	Classification
Not classified.	

Indicates information that has changed from previously issued version.

Notice to reader

Section 16. Other information

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 we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.