

SAFETY DATA SHEET

FR6-55 SEMI-GLOSS BASE JANA WHITE AIC 12.36

Section 1. Identification

GHS product identifier SDS code : FR6-55 SEMI-GLOSS BASE JANA WHITE AIC 12.36 : 66981236B

Relevant identified uses of the substance or mixture and uses advised against

	Identifie	ed uses	
Paint. Professional use Indu	ustrial use		
	Uses advis	ed against	
All other uses			
Product use	: Waterborne coating for inte	erior use.	
Supplier's details			
MAPAERO SAS 10, Avenue de la F 09103 PAMIERS (France	,		
Emergency telephone number (with hours of operation)	: +33 (0)5 34 01 34 01 +33 (0)5 61 60 23 30		
Section 2. Hazar	ds identification		
OSHA/HCS status	: This material is considered (29 CFR 1910.1200).	hazardous by the OSHA Hazard C	communication Standard
Classification of the substance or mixture	: SKIN SENSITIZATION - Car CARCINOGENICITY - Cate TOXIC TO REPRODUCTION	egory 2	
GHS label elements			
Hazard pictograms			
Signal word	: Warning		
Hazard statements	: May cause an allergic skin Suspected of causing canc Suspected of damaging fer	er.	
Precautionary statements	<u>6</u>		
Prevention	: Obtain special instructions eye or face protection. Avo	before use. Wear protective glove vid breathing vapor.	s, protective clothing and
Response		Get medical advice or attention. W Wash with plenty of water. If skin ntion.	
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Section 2. Hazards identification

Storage Disposal

: Not applicable.

: None known.

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

Hazards not otherwise classified

Section 3. Composition/information on ingredients

Substance/mixture

: Mixture

Ingredient name	%	CAS number
titanium dioxide	≥25 - ≤50	13463-67-7
acrylated polyol	≥10 - ≤25	-
Talc , not containing asbestiform fibres	≤3	14807-96-6
Chlorite-group minerals	≤3	1318-59-8
aluminium hydroxide	≤3	21645-51-2
silicon dioxide	≤3	7631-86-9
propylidynetrimethanol	≤0.3	77-99-6
C(M)IT/MIT(3:1)	<0.06	55965-84-9

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified 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

Eye contact	: Immediately flush eyes with plenty of w eyelids. Check for and remove any co minutes. Get medical attention.		
Inhalation	: Remove victim to fresh air and keep at not breathing, if breathing is irregular or respiration or oxygen by trained persor aid to give mouth-to-mouth resuscitation in recovery position and get medical at Loosen tight clothing such as a collar, decomposition products in a fire, symp need to be kept under medical surveilla	or if respiratory arrest occurs noel. It may be dangerous t on. Get medical attention. I tention immediately. Mainta tie, belt or waistband. In ca toms may be delayed. The	s, provide artificial to the person providing If unconscious, place ain an open airway. se of inhalation of
Skin contact	: Wash with plenty of soap and water. F contaminated clothing thoroughly with Continue to rinse for at least 10 minute complaints or symptoms, avoid further shoes thoroughly before reuse.	water before removing it, or es. Get medical attention. I	wear gloves. n the event of any
Ingestion	: Wash out mouth with water. Remove and the exposed person is conscious, exposed person feels sick as vomiting unless directed to do so by medical pe kept low so that vomit does not enter th anything by mouth to an unconscious p and get medical attention immediately. such as a collar, tie, belt or waistband.	give small quantities of wate may be dangerous. Do not rsonnel. If vomiting occurs, he lungs. Get medical atter person. If unconscious, plac Maintain an open airway.	er to drink. Stop if the t induce vomiting , the head should be ntion. Never give ce in recovery position
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Section 4. First aid measures

Most important symptoms/effects, acute and delayed

Potential acute health effects

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Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.
Over-exposure signs/sympto	<u>ms</u>
Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

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

Notes to physician	: 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.
Specific treatments	: No specific treatment.
Protection of first-aiders	: 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.

See toxicological information (Section 11)

Section 5. Fire-fighting measures

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Special protective actions for fire-fighters		scene by removing all persons from the vio tion shall be taken involving any personal	
Hazardous thermal decomposition products	: Decomposition produ carbon dioxide carbon monoxide nitrogen oxides halogenated compou metal oxide/oxides	icts may include the following materials: nds	
Specific hazards arising from the chemical	: In a fire or if heated, a	a pressure increase will occur and the cor	ntainer may burst.
Unsuitable extinguishing media	: None known.		
Extinguishing media Suitable extinguishing media	: Use an extinguishing	agent suitable for the surrounding fire.	

Section 5. Fire-fighting measures

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

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	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 emergency responders	:	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".
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).
Methods and materials for co	ont	ainment 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

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 history of skin sensitization problems a this product is used. Avoid exposure - exposure during pregnancy. Do not h and understood. Do not get in eyes of breathing vapor or mist. If during norr use only with adequate ventilation or v container or an approved alternative n closed when not in use. Empty contai Do not reuse container.	should not be employed in a - obtain special instructions l andle until all safety precaut r on skin or clothing. Do not mal use the material present vear appropriate respirator. nade from a compatible mat	ny process in which before use. Avoid tions have been read t ingest. Avoid ts a respiratory hazard, Keep in the original terial, kept tightly
Advice on general occupational hygiene	: Eating, drinking and smoking should be handled, stored and processed. Work drinking and smoking. Remove conta entering eating areas. See also Section measures.	kers should wash hands and minated clothing and protec	l face before eating, tive equipment before
Conditions for safe storage, including any incompatibilities	: Store in accordance with local regulation direct sunlight in a dry, cool and well-v (see Section 10) and food and drink. and sealed until ready for use. Contain resealed and kept upright to prevent le Use appropriate containment to avoid incompatible materials before handling	ventilated area, away from in Store locked up. Keep containers that have been opened eakage. Do not store in unlainervironmental contaminatio	compatible materials ainer tightly closed d must be carefully abeled containers.
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Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

Ingredient name		Exposure limits
Iffanium dioxide acrylated polyol Talc , not containing asbest Chlorite-group minerals aluminium hydroxide silicon dioxide propylidynetrimethanol	iform fibres	OSHA PEL (United States, 5/2018). TWA: 15 mg/m ³ 8 hours. Form: Total dust OSHA PEL 1989 (United States, 3/1989). TWA: 10 mg/m ³ 8 hours. Form: Total dust ACGIH TLV (United States, 1/2022). TWA: 2.5 mg/m ³ 8 hours. Form: respirable fraction, finescale particles None. None. None. None. None. None. None.
C(M)IT/MIT(3:1)		None.
Appropriate engineering controls Environmental exposure controls	 local exhaust ventilation or cairborne contaminants below Emissions from ventilation cathey comply with the require cases, fume scrubbers, filte 	dust, fumes, gas, vapor or mist, use process enclosures, other engineering controls to keep worker exposure to v any recommended or statutory limits. In work process equipment should be checked to ensure ments of environmental protection legislation. In some rs or engineering modifications to the process equipment emissions to acceptable levels.
Individual protection measu		·
Hygiene measures	: Wash hands, forearms and eating, smoking and using the Appropriate techniques show Contaminated work clothing	face thoroughly after handling chemical products, before ne lavatory and at the end of the working period. Id be used to remove potentially contaminated clothing. should not be allowed out of the workplace. Wash e reusing. Ensure that eyewash stations and safety rkstation location.
Eye/face protection	assessment indicates this is gases or dusts. If contact is	ith an approved standard should be used when a risk necessary to avoid exposure to liquid splashes, mists, possible, the following protection should be worn, unless higher degree of protection: safety glasses with side-
Skin protection		
Hand protection	worn at all times when hand necessary. Considering the during use that the gloves a noted that the time to break glove manufacturers. In the	bus gloves complying with an approved standard should be ling chemical products if a risk assessment indicates this is parameters specified by the glove manufacturer, check re still retaining their protective properties. It should be through for any glove material may be different for different case of mixtures, consisting of several substances, the cannot be accurately estimated.
Body protection		ent for the body should be selected based on the task being blved and should be approved by a specialist before
Other skin protection		ny additional skin protection measures should be selected formed and the risks involved and should be approved by a is product.
Respiratory protection	appropriate standard or cert	tential for exposure, select a respirator that meets the ification. Respirators must be used according to a m to ensure proper fitting, training, and other important
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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

Physical state	: Liquid.	
Color	: White.	
Odor	: Characteristic.	
Odor threshold	: Not available.	
рН	: 🗗 [DIN EN 1262]	
Melting point/freezing point	: Not available.	
Boiling point, initial boiling point, and boiling range	: Not available.	
Flash point	: 🖉losed cup: 105°C (221°F) [Pensky-Martens]	
Flammability	: Not available.	
Lower and upper explosion limit/flammability limit	: Not available.	

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Vapor pressure

	Va	Vapor Pressure at 20°C			Vapor pressure at 50°C		
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method	
ammonia, anhydrous	72.31	9.6					
octamethylcyclotetrasiloxane	0.99	0.13					
2-butoxyethanol	0.75	0.1					
Polyether modified siloxane	0.75	0.1					
2-aminobutan-1-ol	0.44	0.059	EU A.4				
decamethylcyclopentasiloxane	0.25	0.033					
aluminium hydroxide	<0.075	<0.01					
2-amino-2-ethylpropanediol	0.0022	0.00029					
N,N'-ethylenedi(stearamide)	0.00087	0.00012					
1,1'-(ethane-1,2-diyl)bis [pentabromobenzene]	<0.00000075	<0.0000001	OECD 104				
propylidynetrimethanol	0	0					

Relative vapor density

Density

Not available.

: 1.453 g/cm³ [DIN EN ISO 2811-1]

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Solubility(ies)

	Media	Result
	cold water	Soluble [OESO (TG 105)]
Pa	artition coefficient: n- : Not	applicable.

octanol/water

Auto-ignition temperature



Section 9. Physical and chemical properties and safety characteristics

Ingredient name	°C	°F	Method
2-butoxyethanol	230	446	DIN 51794
Paraffin waxes and Hydrocarbon waxes	244.85	472.7	
8,18-dichloro-5,15-diethyl-5,15-dihydrodiindolo[3,2-b: 3',2'-m]triphenodioxazine	250	482	
1-propoxypropan-2-ol	252	485.6	EU A.15
Ethene, homopolymer	330 to 410	626 to 770	
dodecamethylcyclohexasiloxane	368 to 371	694.4 to 699.8	
decamethylcyclopentasiloxane	372	701.6	ASTM E 659-78
N,N'-ethylenedi(stearamide)	380	716	DIN 51794
octamethylcyclotetrasiloxane	384 to 387	723.2 to 728.6	ASTM E 659
ammonia, anhydrous	651	1203.8	

Decomposition temperature : Not available.

Viscosity

: Kinematic (room temperature): 757 mm²/s (757 cSt) [DIN EN ISO 3219] Kinematic (40°C (104°F)): 201 mm²/s (201 cSt) [DIN EN ISO 3219]

Particle characteristics Median particle size

: Not applicable.

Section 10. Stability and reactivity

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

Section 11. Toxicological information

Information on toxicological effects

Acute toxicity

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

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
sílicon dioxide	Eyes - Mild irritant	Rabbit	-	24 hours 25 mg	-

Sensitization

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Section 11. Toxicological information

Not available.

Mutagenicity

Not available.

Carcinogenicity

Not available.

Classification

Product/ingredient name	OSHA	IARC	NTP
iitanium dioxide	-	2B	-
Talc , not containing asbestiform fibres	-	3	-
silicon dioxide	-	3	-

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.

Information on the likely	: Not available.
routes of exposure	

Potential acute health effects

Eye contact	: No known significant effects or critical hazards.
Inhalation	: No known significant effects or critical hazards.
Skin contact	: May cause an allergic skin reaction.
Ingestion	: No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: reduced fetal weight increase in fetal deaths skeletal malformations

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

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Section 11. Toxicological information

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<u>Short term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	<u>ects</u>
Not available.	
General	: Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	: Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutagenicity	: No known significant effects or critical hazards.
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.

Section 12. Ecological information

<u>Toxicity</u>			
Product/ingredient name	Result	Species	Exposure
titanium dioxide	Acute EC50 19.3 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 27.8 mg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute EC50 35.306 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 3 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 13.4 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 11 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 3.6 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 15.9 mg/l Fresh water	Crustaceans - Ceriodaphnia dubia - Neonate	48 hours
	Acute LC50 6.5 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 13 mg/l Fresh water	Daphnia - Daphnia pulex - Neonate	48 hours
	Acute LC50 >1000000 µg/l Marine water	Fish - Fundulus heteroclitus	96 hours
	Acute LC50 >1000 mg/l Fresh water	Fish - Pimephales promelas	96 hours
propylidynetrimethanol	Acute EC50 13000000 µg/l Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 14400000 µg/l Marine water	Fish - Cyprinodon variegatus	96 hours

Persistence and degradability

Not available.

Bioaccumulative potential

Product/ingredient name	LogPow	BCF	Potential
propylidynetrimethanol	-0.47	<1	low

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Section 12. Ecological information

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<u>Mobility in soil</u>
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Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects : No known significant effects or critical hazards.

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

The information provided in section 14 is based on a bulk package shipment via ground transport in North America. All shippers are responsible for ensuring the proper transportation classification and package/container requirements are followed for the relevant mode of transport.

	DOT Classification	IMDG	ΙΑΤΑ	
UN number	Not regulated.	Not regulated.	Not regulated.	
UN proper shipping name	-	-	-	
Transport hazard class(es)	-	-	-	
Packing group	-	-	-	
Environmental hazards	No.	No.	No.	
Additional information				

: MDG Code Segregation group Not applicable

Special precautions for user	:	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.

Transport in bulk according : Not available. to IMO instruments

IMDG

Section 15. Regulatory information

U.S. Federal regulations

: United States inventory (TSCA 8b):

Not determined.

State regulations Massachusetts

- : The following components are listed: TITANIUM DIOXIDE; TALC; DIATOMACEOUS EARTH
 - : None of the components are listed.
- **New York New Jersey**
- : The following components are listed: TITANIUM DIOXIDE; TALC (NOT CONTAINING ASBESTOS FIBERS)
- Pennsylvania
- : The following components are listed: TITANIUM OXIDE; TALC; SILICA

California Prop. 65

MARNING: Cancer - www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level	Type of toxicity
Manium dioxide	-		Cancer
crystalline silica, respirable powder	-		Cancer
carbon black, respirable powder	-		Cancer

Inventory list

Canada

: At least one component is not listed.

Section 16. Other information

Procedure used to derive the classification

Classification	Justification
CARCINOGENICITY - Category 2	Calculation method Calculation method Calculation method

<u>History</u>	
Date of printing	: 9 December 2022
Date of issue/ Date of revision	: 9 December 2022
Date of previous issue	: 6 October 2022
Version	: 2
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 = International Air Transport Association IBC = 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
Indicator information the	at has shanged from providually issued version

Indicates information that has changed from previously issued version.

Notice to reader

Date of issue/Date of revision	: 12/9/2022	Version : 2	
Date of previous issue	: 10/6/2022	11/12	AkzoNobel

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.

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