

1200 GC GREY-05

SAFETY DATA SHEET

In accordance with ABNT-NBR 14725-4:2014

1. Identification

GHS Product identifier: 1200 GC GREY-05

Recommended use of the chemical and restrictions on use

Recommended use: Sealant

Recommended restrictions: For industrial use only.

Supplier's details

Manufacturer/Importer/Distributor Information : Momentive Performance Materials USA LLC
2750 Balltown Road,
Niskayuna, NY 12309

Contact person : commercial.services@momentive.com

Telephone : General information
+1-800-295-2392

Emergency telephone number
Supplier : CHEMTREC
1-800-424-9300

2. Hazard identification

Classification of the substance or mixture:

Physical Hazards

Flammable liquids Category 4

Health Hazards

Skin Corrosion/Irritation Category 2

Serious Eye Damage/Eye Irritation Category 1

Classification System used: ABNT-NBR 14725-2:2019
Adoption of the UN Globally Harmonized System of Classification and Labeling of Chemicals

GHS label elements, including precautionary statements:

Hazard Symbol:



Signal Word

Danger

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Hazard Statement:	H227; Combustible liquid. H315; Causes skin irritation. H318; Causes serious eye damage.
Precautionary Statements	
Prevention:	P210; Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P264; Wash hands thoroughly after handling. P280; Wear protective gloves/eye protection/face protection.
Response:	P332+P313; If skin irritation occurs: Get medical advice/attention. P362+P364; Take off contaminated clothing and wash it before reuse. P305+P351+P338; IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310; Immediately call a POISON CENTER/doctor. P370+P378; In case of fire: Use alcohol resistant foam for extinction.
Disposal:	P501; Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.
Other hazards which do not result in classification:	None.

3. Composition/information on ingredients

Chemical nature: Silicone sealant

Mixtures

Hazardous ingredients	CAS number	Concentration*	Notes
Distillates, petroleum, hydrotreated middle	64742-46-7	20 - 30%	# This substance has workplace exposure limit(s).
Methyltriacetoxysilane	4253-34-3	3 - 7%	No data available.

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

Classification

Chemical name	Classification
Distillates, petroleum, hydrotreated middle	Asp. Tox.: 1: H304: May be fatal if swallowed and enters airways.
Methyltriacetoxysilane	Eye Dam.: 1: H318: Causes serious eye damage. Acute Tox.: 4: H302: Harmful if swallowed. Skin Corr.: 1C: H314: Causes severe skin burns and eye damage.

4. First-aid measures

General information: Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves

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Description of necessary first-aid measures

Ingestion:	If swallowed, do NOT induce vomiting. Give a glass of water. Do not give victim anything to drink if he is unconscious. Get medical attention if any discomfort continues.
Inhalation:	Move to fresh air. Get medical attention if symptoms occur.
Skin Contact:	Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention. Wash contaminated clothing before reuse.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Obtain medical attention without delay, preferably from an ophthalmologist.

Most important symptoms/effects, acute and delayed

Symptoms:	Itching Redness
Hazards:	No data available.

Indication of immediate medical attention and special treatment needed

Notes to the physician

Treatment:	Promptly flush contaminated skin with water. Promptly remove clothing if soaked through and flush the skin with water. Treat symptomatically
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5. Fire-fighting measures

Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:	Carbon dioxide Foam. Water spray Dry chemical.
Unsuitable extinguishing media:	water jet

Specific hazards arising from the chemical:	In case of fire, carbon monoxide and carbon dioxide may be formed. Acute overexposure to the products of combustion may result in irritation of the respiratory tract. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.
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Special protective action for fire fighters

Special fire fighting procedures:	Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

6. Accidental release measures

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Personal precautions, protective equipment and emergency procedures:	Caution: Contaminated surfaces may be slippery. Use personal protective equipment (PPE) with overall or trousers and long-sleeved cotton shirt, butyl or nitrilic rubber gloves, leather safety shoes, polycarbonate goggles, full face or face mask with type A filter, and if necessary foam, silicone or polymer hearing protection, and polyethylene protective helmet.
For non-emergency personnel:	Do not allow runoff to sewer, waterway or ground.
For emergency responders:	ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). See Section 8 of the SDS for Personal Protective Equipment.
Environmental Precautions:	Do not allow runoff to sewer, waterway or ground.
Methods and material for containment and cleaning up:	See Section 8 of the SDS for Personal Protective Equipment. Collect spillage with granulates, sawdust, rags or other absorbent. Shovel up and place in a container for salvage or disposal.

7. Handling and storage

Precautions for safe handling	Avoid contact with eyes, skin, and clothing. See Section 8 of the SDS for Personal Protective Equipment. Do not eat, drink or smoke when using the product. Wash thoroughly after handling.
Conditions for safe storage, including any incompatibilities:	Keep container tightly closed and in a well-ventilated place. Keep away from food, drink and animal feeding stuffs. Use original container or packaging of similar material of construction

8. Exposure controls/personal protection

Control Parameters

Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
DESTILADOS (PETRÓLEO), MÉDIOS TRATADOS COM HIDROGÊNIO	Média ponderada a no tempo (TWA):	5 mg/m3	Brasil. VLE. (Portaria n.º 3214 NR 6/8/78, NR-15, Anexo 11 (alterada através da ACGIH), na sua última redação 03 2015
Distillates, petroleum, hydrotreated middle - Inhalable fraction.	TWA	5 mg/m3	US. ACGIH Threshold Limit Values, as amended (03 2015)

Biological Limit Values

None of the components have assigned exposure limits.

Appropriate Engineering Controls	Ensure adequate ventilation, especially in confined areas. Provide eyewash station and safety shower.
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Individual protection measures, such as personal protective equipment

Eye/face protection: Safety glasses with side shields

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Hand Protection:	Chemical resistant gloves
Other:	Chemical resistant clothing Chemical resistant boots
Respiratory Protection:	In case of insufficient ventilation, wear suitable respiratory equipment.
Hygiene measures:	Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Avoid contact with eyes, skin, and clothing. Do not eat, drink or smoke when using the product.

9. Physical and chemical properties

Appearance

Physical state:	liquid
Form:	Paste
Color:	Gray.

Odor:	Acetic acid.
Odor threshold:	No data available.
pH:	No data available.
Melting point/freezing point:	No data available.
Initial boiling point and boiling range:	No data available.
Flash Point:	> 63 °C estimated
Evaporation rate:	No data available.
Flammability (solid, gas):	No data available.

Upper/lower limit on flammability or explosive limits

Flammability limit - upper (%):	No data available.
Flammability limit - lower (%):	No data available.
Explosive limit - upper:	No data available.
Explosive limit - lower:	No data available.

Vapor pressure:	No data available.
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Vapor density:	No data available.
Density:	0,98 g/cm ³ (23 °C)
Relative density:	0,98 (23 °C)

Solubility(ies)

Solubility in water:	No data available.
Solubility (other):	No data available.

Partition coefficient (n-octanol/water) Log Pow:	No data available.
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Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
SADT:	No data available.
Viscosity, dynamic:	No data available.
Viscosity, kinematic:	No data available.

10. Stability and reactivity

Reactivity:	No dangerous reaction if used as recommended.
Chemical Stability:	Material is stable under normal conditions.

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Possibility of hazardous reactions:	Hazardous polymerization does not occur.
Conditions to avoid:	Heat. Moisture.
Incompatible Materials:	Water
Hazardous Decomposition Products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Measurements at temperatures above 150°C in presence of air (oxygen) have shown that small amounts of formaldehyde are formed due to oxidative degradation.

11. Toxicological information

Information on likely routes of exposure

Ingestion:	No data available.
Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion:	No data available.
Inhalation:	No data available.
Skin Contact:	No data available.
Eye contact:	No data available.

Information on toxicological effects

Acute toxicity (list all possible routes of exposure)

Oral

Product:	ATEmix (): 50.758,1 mg/kg
Specified substance(s):	
Methyltriacetoxysilane	LD 50 (Rat, female): 1.830 mg/kg LD 50 (Rat): 1.550 mg/kg (OECD-Guideline 401 (Acute Oral Toxicity))

Dermal

Product:	Not classified for acute toxicity based on available data.
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Inhalation

Product:	Not classified for acute toxicity based on available data.
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Repeated dose toxicity

Product:	No data available.
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Skin Corrosion/Irritation

Product:	No data available.
Specified substance(s):	
Methyltriacetoxysilane	OECD-Guideline 404 (Acute Dermal Irritation/Corrosion) (Rabbit): Corrosive

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Serious Eye Damage/Eye Irritation

Product: No data available.

Respiratory or Skin Sensitization

Product: No data available.

Carcinogenicity

Product: No data available.

IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:

No carcinogenic components identified

ACGIH Carcinogen List:

No carcinogenic components identified

Germ Cell Mutagenicity

In vitro

Product: No data available.

In vivo

Product: No data available.

Reproductive toxicity

Product: No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Aspiration Hazard

Product: No data available.

Other effects: No data available.

12. Ecological information

Ecotoxicity:

Acute hazards to the aquatic environment

Fish

Product: No data available.

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Aquatic Invertebrates

Product: No data available.

Chronic hazards to the aquatic environment

Fish

Product: No data available.

Aquatic Invertebrates

Product: No data available.

Toxicity to Aquatic Plants

Product: No data available.

Persistence and Degradability

Biodegradation

Product: No data available.

BOD/COD Ratio

Product: No data available.

Bioaccumulative potential

Bioconcentration Factor (BCF)

Product: No data available.

Partition Coefficient n-octanol / water (log Kow)

Product: No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

Distillates, petroleum, No data available.

hydrotreated middle

Methyltriacetoxysilane No data available.

Other adverse effects: No data available.

13. Disposal considerations

General information:

The generation of waste should be avoided or minimized wherever possible. See Section 8 for information on appropriate personal protective equipment. Do not discharge into drains, water courses or onto the ground.

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Disposal methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

14. Transport information

ANTT (Resolução ANTT nº 5232)

Não regulado.

IATA

Not regulated.

IMDG

Not regulated.

Special precautions for user: This product is Combustible as defined by the US Department of Transportation (DOT). It is regulated for transport in the US in container > 119 gallons. The product is not regulated for transport by the IATA, ADR/RID, ADNR or the IMDG regulations.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question

Brasil. Uso e esforços fisiológicos de produtos químicos (Decreto n° 3665, anexo 3)
Não regulado

Brasil. Relação de Produtos Controlados Pelo Exército (Decreto nº 3.665, Anexo I)
Não aplicável

Brasil. (Decreto n° 99.280, anexos A, B, C e E, tal como alterada) substâncias que empobrecem a camada de ozônio
Não regulado

International regulations

Montreal protocol
Not applicable

Stockholm convention
Not applicable

Rotterdam convention
Not applicable

Kyoto protocol
Not applicable

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Inventory Status:

Australia AICS:	On or in compliance with the inventory	Remarks: None.
Canada DSL Inventory List:	Not in compliance with the inventory.	Remarks: None.
Canada NDSL Inventory:	Not in compliance with the inventory.	Remarks: None.
China Inv. Existing Chemical Substances:	On or in compliance with the inventory	Remarks: None.
Japan (ENCS) List:	On or in compliance with the inventory	Remarks: None.
Korea Existing Chemicals Inv. (KECI):	On or in compliance with the inventory	Remarks: None.
New Zealand Inventory of Chemicals:	On or in compliance with the inventory	Remarks: None.
Philippines PICCS:	On or in compliance with the inventory	Remarks: None.
Taiwan Chemical Substance Inventory:	On or in compliance with the inventory	Remarks: None.
US TSCA Inventory:	On or in compliance with the inventory	Remarks: None.
EINECS, ELINCS or NLP:	On or in compliance with the inventory	Remarks: None.

16. Other information, including date of preparation or last revision

Issue Date: 18.11.2020

Revision Date: No data available.No data available.

Wording of the H-statements in section 2 and 3

H226	Flammable liquid and vapor.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H304	May be fatal if swallowed and enters airways.

Version #: 1.0

Date of printing: 14.08.2026

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**Key abbreviations or
acronyms used:**

ABNT=The Brazilian Association of Technical Standards
ACGIH = American Conference of Governmental Industrial Hygienists
ANTT=Agencia Nacional de Transporte Terrestre
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
BEI = Biological Exposure indices
BR OEL = Brazilian Occupational Exposure Limits
CAS = Chemical Abstracts Service
ECx=Concentration associated with x% response
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IBMP = Maximum Biological Index allowed
IMDG = International Maritime Dangerous Goods
LC0=Lethal Concentration, 0% mortality
LC50 = Lethal Concentration, 50%
LD50=Lethal Dose, 50%
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
NOEC=No Observed Effect Concentration
NR = Regulatory Standard
OECD = Organization for Economic Cooperation and Development
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
STEL = Short Term Exposure Level
TLV = Threshold Limit Value
TWA = Time Weighted Average
UN = United Nations

References:

ACGIH Biological exposure indices - Revision identified in brackets, in the table in Section 8
ACGIH Threshold Limit Values - Revision identified in brackets, in the table in Section 8
Brazil Biological Exposure Limits (NR-07, Table 1) - Revision identified in brackets, in the table in Section 8
Brazil Occupational Exposure Limits (NR - 15, Annex 11) - Revision identified in brackets, in the table in Section 8
IHS Regulatory Database
3E Ariel WebInsight

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Disclaimer:

Notice to reader

Unless otherwise specified in section 1, Momentive products are intended for use in the manufacture and/or formulation of products and are not intended for direct consumer use. These products are not intended for long-lasting (> 30 days) implantation, injection or direct ingestion into the human body, nor for use in the manufacture of multiple use contraceptives. Keep out of the reach of children.

Further Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

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