



# SHELL GADUS (RailArmor M)

## Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations  
Issue date: 6/9/2021 Revision date: 5/9/2024 Supersedes: 8/26/2022 Version: 1.7

### SECTION 1: Identification

#### 1.1. Identification

Product form : Mixture  
Trade name : SHELL GADUS (RailArmor M)

#### 1.2. Recommended use and restrictions on use

No additional information available

#### 1.3. Supplier

##### Manufacturer

Shell & Whitmore Reliability Solutions, LLC  
930 Whitmore Drive  
Rockwall, Texas, 75087  
USA  
T 1.800.381.6585 or 1.972.771.1000  
[Regulatory@whitmores.com](mailto:Regulatory@whitmores.com) - [www.shellwhitmorereliability.com](http://www.shellwhitmorereliability.com)

#### 1.4. Emergency telephone number

Emergency number : For Chemical Emergency Call CHEMTREC 24hr/day 7days/week  
Within USA and Canada: 1.800.424.9300  
Outside USA and Canada: +1.703.527.3887  
(collect calls accepted)

### SECTION 2: Hazard(s) identification

#### 2.1. Classification of the substance or mixture

##### GHS US classification

Not classified

#### 2.2. GHS Label elements, including precautionary statements

##### GHS US labeling

No labeling applicable

#### 2.3. Other hazards which do not result in classification

No additional information available

#### 2.4. Unknown acute toxicity (GHS US)

No additional information available

### SECTION 3: Composition/Information on ingredients

#### 3.1. Substances

Not applicable

#### 3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of HazCom 2012

### SECTION 4: First-aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

#### 4.2. Most important symptoms and effects (acute and delayed)

No additional information available

#### 4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

### SECTION 5: Fire-fighting measures

#### 5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Dry powder. Foam.

#### 5.2. Specific hazards arising from the chemical

Hazardous decomposition products in case of fire : Toxic fumes may be released.

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### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### 6.1.1. For non-emergency personnel

Emergency procedures : Exercise caution. Spill area may be slippery.

#### 6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

### 6.2. Environmental precautions

Avoid release to the environment.

### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Mechanically recover the product.

Other information : Dispose of materials or solid residues at an authorized site.

### 6.4. Reference to other sections

For further information refer to section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures/Personal protective equipment

| <b>Hand protection:</b>                                      |                                                 |                  |                 |             |
|--------------------------------------------------------------|-------------------------------------------------|------------------|-----------------|-------------|
| Neoprene or nitrile rubber gloves                            |                                                 |                  |                 |             |
| Type                                                         | Material                                        | Permeation       | Thickness (mm)  | Penetration |
| Disposable gloves                                            | Nitrile rubber (NBR),<br>Neoprene rubber (HNBR) | 2 (> 30 minutes) | 0.3 mm - 0.6 mm |             |
| <b>Eye protection:</b>                                       |                                                 |                  |                 |             |
| Wear eye protection                                          |                                                 |                  |                 |             |
| <b>Skin and body protection:</b>                             |                                                 |                  |                 |             |
| Wear suitable protective clothing                            |                                                 |                  |                 |             |
| <b>Respiratory protection:</b>                               |                                                 |                  |                 |             |
| No respiratory protection needed under normal use conditions |                                                 |                  |                 |             |

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state : Solid

Appearance : Grease.

Color : Gray

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|                                                 |                           |
|-------------------------------------------------|---------------------------|
| Odor                                            | : Mild odor               |
| Odor threshold                                  | : No data available       |
| pH                                              | : No data available       |
| Melting point                                   | : No data available       |
| Freezing point                                  | : No data available       |
| Boiling point                                   | : No data available       |
| Flash point                                     | : No data available       |
| Relative evaporation rate (butyl acetate=1)     | : No data available       |
| Flammability (solid, gas)                       | : Non flammable.          |
| Vapor pressure                                  | : No data available       |
| Relative vapor density at 20°C                  | : No data available       |
| Relative density                                | : No data available       |
| Solubility                                      | : insoluble in water.     |
| Partition coefficient n-octanol/water (Log Pow) | : No data available       |
| Auto-ignition temperature                       | : No data available       |
| Decomposition temperature                       | : No data available       |
| Viscosity, kinematic                            | : > 25 mm <sup>2</sup> /s |
| Viscosity, dynamic                              | : No data available       |
| Explosion limits                                | : No data available       |
| Explosive properties                            | : No data available       |
| Oxidizing properties                            | : No data available       |

### 9.2. Other information

|             |           |
|-------------|-----------|
| VOC content | : < 0.1 % |
|-------------|-----------|

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

### 10.5. Incompatible materials

No additional information available

### 10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                                   |                           |
|-----------------------------------|---------------------------|
| Acute toxicity (oral)             | : Not classified          |
| Acute toxicity (dermal)           | : Not classified          |
| Acute toxicity (inhalation)       | : Not classified          |
| Skin corrosion/irritation         | : Not classified          |
| Serious eye damage/irritation     | : Not classified          |
| Respiratory or skin sensitization | : Not classified          |
| Germ cell mutagenicity            | : Not classified          |
| Carcinogenicity                   | : Not classified          |
| Reproductive toxicity             | : Not classified          |
| STOT-single exposure              | : Not classified          |
| STOT-repeated exposure            | : Not classified          |
| Aspiration hazard                 | : Not classified          |
| Viscosity, kinematic              | : > 25 mm <sup>2</sup> /s |

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### SECTION 12: Ecological information

#### 12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

#### 12.2. Persistence and degradability

| SHELL GADUS (RailArmor M)     |                        |
|-------------------------------|------------------------|
| Persistence and degradability | Not rapidly degradable |

#### 12.3. Bioaccumulative potential

No additional information available

#### 12.4. Mobility in soil

No additional information available

#### 12.5. Other adverse effects

No additional information available

### SECTION 13: Disposal considerations

#### 13.1. Disposal methods

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

### SECTION 14: Transport information

In accordance with DOT / TDG / IMDG / IATA

| DOT                                     | TDG           | IMDG          | IATA          |
|-----------------------------------------|---------------|---------------|---------------|
| <b>14.1. UN number</b>                  |               |               |               |
| Not regulated for transport             |               |               |               |
| <b>14.2. Proper Shipping Name</b>       |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.3. Transport hazard class(es)</b> |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.4. Packing group</b>              |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| <b>14.5. Environmental hazards</b>      |               |               |               |
| Not regulated                           | Not regulated | Not regulated | Not regulated |
| No supplementary information available  |               |               |               |

#### 14.6. Special precautions for user

##### DOT

Not regulated

##### TDG

Not regulated

##### IMDG

Not regulated

##### IATA

Not regulated

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

### SECTION 15: Regulatory information

#### 15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

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### 15.2. International regulations

#### CANADA

No additional information available

#### EU-Regulations

No additional information available

#### National regulations

No additional information available

### 15.3. US State regulations

 **WARNING:** This product can expose you to Carbon black (airborne, unbound particles of respirable size), which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

| Component                                                          | State or local regulations                                                                                                                            |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| chalk(1317-65-3)                                                   | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |
| graphite(7782-42-5)                                                | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |
| Distillates (petroleum), hydrotreated light naphthenic(64742-53-6) | U.S. - Massachusetts - Right To Know List                                                                                                             |
| molybdenum(IV) sulfide(1317-33-5)                                  | U.S. - Massachusetts - Right To Know List; U.S. - New York City - Right to Know Hazardous Substances List                                             |
| soybean oil(8001-22-7)                                             | U.S. - Pennsylvania - RTK (Right to Know) List                                                                                                        |
| quartz, 1%≤conc respirable crystalline silica<10%(14808-60-7)      | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |
| carbon black(1333-86-4)                                            | U.S. - Massachusetts - Right To Know List; U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

### SECTION 16: Other information

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Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.