



This product is for the professional painting of vehicles only after reference to the manufacturer's data sheet.

## SAFETY DATA SHEET

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Product name** : Grip-Gard Flex SI MM Pht Blue GS 4821V

**MSDS code** :

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

Not applicable.

#### 1.3 Details of the supplier of the safety data sheet

**Manufacturer** : Akzo Nobel Car Refinishes bv  
Rijksstraatweg 31  
2171 AJ Sassenheim  
The Netherlands  
Phone: +31 (0)71 308 6944  
www.signfinishes.com  
  
P.T. Akzo Nobel Car Refinishes Indonesia  
Jalan Raya Pulogadung No. 37  
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**e-mail address of person responsible for this SDS** :

#### 1.4 Emergency telephone number

##### National advisory body/Poison Center

**Telephone number** :

##### Supplier

**Telephone number** :

**Hours of operation** :

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

**Product definition :**

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

**Supplemental label elements :**

**Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles :**

#### Special packaging requirements

**Containers to be fitted with child-resistant fastenings :**

**Tactile warning of danger :**

### 2.3 Other hazards

**Other hazards which do not result in classification :**

## SECTION 3: Composition/information on ingredients

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

**General :**

**Eye contact :**

**Inhalation :**

**Skin contact :**

**Ingestion :**

**Protection of first-aiders :**

### 4.2 Most important symptoms and effects, both acute and delayed

### 4.3 Indication of any immediate medical attention and special treatment needed

**Notes to physician :**

**Specific treatments :**

See toxicological information (Section 11)

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media :

Unsuitable extinguishing media :

### 5.2 Special hazards arising from the substance or mixture

Hazards from the substance or mixture :

Hazardous thermal decomposition products :

### 5.3 Advice for firefighters

Special protective actions for fire-fighters :

Special protective equipment for fire-fighters :

## SECTION 6: Accidental release measures

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

For non-emergency personnel :

For emergency responders :

### 6.2 Environmental precautions

### 6.3 Methods and materials for containment and cleaning up

**6.4 Reference to other sections** : See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

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

### 7.3 Specific end use(s)

Recommendations :

Industrial sector specific solutions :

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational exposure limits

No exposure limit value known.

**Recommended monitoring :**  
procedures

#### DNELs/DMELs

No DNELs/DMELs available.

#### PNECs

No PNECs available.

### 8.2 Exposure controls

**Appropriate engineering :**  
controls

#### Individual protection measures

Hygiene measures :

Eye/face protection :

#### Skin protection

Body protection :

Other skin protection :

Respiratory protection :

Environmental exposure :  
controls

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

Physical state	: Liquid.
Color	: Product Specific Information
Odor	: Characteristic.
Odor threshold	:
pH	: Neutral.
Melting point/freezing point	:
Initial boiling point and boiling range	:
Flash point	:
Evaporation rate	:
Flammability (solid, gas)	:
Upper/lower flammability or explosive limits	:
Vapor pressure	:
Vapor density	:
Relative density	:
Solubility(ies)	:

## SECTION 9: Physical and chemical properties

Partition coefficient: n-octanol/ :  
water

Auto-ignition temperature :

Decomposition temperature :

Viscosity :

Explosive properties :

Oxidizing properties :

### 9.2 Other information

No additional information.

## SECTION 10: Stability and reactivity

10.1 Reactivity :

10.2 Chemical stability :

10.3 Possibility of :  
hazardous reactions

10.4 Conditions to avoid :

10.5 Incompatible materials :

10.6 Hazardous :  
decomposition products

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity

Conclusion/Summary :

#### Irritation/Corrosion

Conclusion/Summary : Not available.

#### Sensitization

Conclusion/Summary : Not available.

#### Mutagenicity

Conclusion/Summary :

#### Carcinogenicity

Conclusion/Summary :

#### Reproductive toxicity

Conclusion/Summary :

#### Teratogenicity

Conclusion/Summary :

Other information :

## SECTION 12: Ecological information

### 12.1 Toxicity

Conclusion/Summary :

### 12.2 Persistence and degradability

Conclusion/Summary :

### 12.3 Bioaccumulative potential

Not available.

### 12.4 Mobility in soil

Soil/water partition coefficient ( $K_{oc}$ ) :

Mobility :

### 12.5 Results of PBT and vPvB assessment

PBT :

vPvB :

### 12.6 Other adverse effects :

## SECTION 13: Disposal considerations

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 13.1 Waste treatment methods

#### Product

Methods of disposal :

Hazardous waste :

#### Packaging

Methods of disposal :

Special precautions :

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA
UN number	UN1263	UN1263	
UN proper shipping name	PAINT	PAINT	PAINT
Transport hazard class(es)			
Packing group	III	III	
Environmental hazards	No.	No.	No.

## SECTION 14: Transport information

Additional information			
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14.6 Special precautions for user :

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code : Not applicable.

## SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorization

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions :  
on the manufacture,  
placing on the market  
and use of certain  
dangerous substances,  
mixtures and articles

Other EU regulations

VOC :

VOC for Ready-for-Use Mixture :

Black List Chemicals (76/464/EEC) :

Industrial emissions (integrated pollution prevention and control) - Air :

Industrial emissions (integrated pollution prevention and control) - Water :

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Aerosol dispensers :

Seveso Directive

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

## SECTION 15: Regulatory information

### Montreal Protocol (Annexes A, B, C, E)

Not listed.

### Stockholm Convention on Persistent Organic Pollutants

Not listed.

### Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

### UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

## 15.2 Chemical Safety Assessment :

## SECTION 16: Other information

✓ Indicates information that has changed from previously issued version.

### Abbreviations and acronyms

: ATE = Acute Toxicity Estimate  
 CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]  
 DMEL = Derived Minimal Effect Level  
 DNEL = Derived No Effect Level  
 EUH statement = CLP-specific Hazard statement  
 PBT = Persistent, Bioaccumulative and Toxic  
 PNEC = Predicted No Effect Concentration  
 RRN = REACH Registration Number  
 vPvB = Very Persistent and Very Bioaccumulative

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

### Full text of abbreviated H statements

Not applicable.

### Full text of classifications [CLP/GHS]

Not applicable.

### 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 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.



## SECTION 16: Other information

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**Head Office**

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