

**PRODUCT:** A-GAIN Waterbased AR Primer

**CODE:** 339002

**DATE ISSUED:** 20/12/2016

## SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	339002	<b>Product Name</b>	Amoriguard A-Gain Waterbased AR Primer
<b>Recommended use</b>	A paint or paint constituent product		
<b>Company Name</b>	Dekro Paints		
<b>Address</b>	24 Fabriek Street, Kuilsriver, 7579 South Africa		
<b>Telephone</b>	021 903 3131		
<b>Facsimile</b>	021 903 2307		
<b>Emergency Contact</b>	Samuel Jansen		
<b>Contact number</b>	021 903 3131		

## SECTION 2. HAZARDS IDENTIFICATION

**Overall Nature** EC Classification: Not classified as hazardous  
**Classification reference SANS10234 (1272/2008/EC)**  
**Classification of the substance or mixture**

Not classified as hazardous

### GHS label elements, including precautionary statements

**Signal word** None  
**Pictograms** None

### Hazard and Precautionary Statements

Hazard Statements  
Precautionary Statements

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product type:** Mixture **Generic name:**  
**CAS No.:** Not applicable **EU Index No:** Not applicable **UN No:** Not applicable

### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	<1.1 %		025265-77-4	n/q

**Classification reference SANS10234 (1272/2008/EC)**  
EC Index Classification | Hazard Code | Note |

## SECTION 4. FIRST AID MEASURES

<b>Inhalation</b>	Move to fresh air.
<b>Skin</b>	Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.
<b>Eyes</b>	Rinse immediately with plenty of water. Seek medical advice if symptoms persist.
<b>Ingestion</b>	Wash mouth with plenty of water. Do NOT induce vomiting. seek medical attention.

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## SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:**

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

**Specific hazards arising from the chemical:**

Containers liable to burst in a fire.

Combustible with toxic fumes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain & collect. Use an inert - NOT sawdust. Keep out of drains & sewers.

Wear protective equipment (see Section 8). Keep unprotected persons away.

Do not allow product to reach sewage system or any water course.

Remove ignition sources and provide sufficient ventilation.

## SECTION 7. HANDLING AND STORAGE

**Storage:**

Alkaline - corrosive. Caution with contact with non-ferrous metals.

No open flames. No smoking.

Store containers with due care in case of fire.

**Handling:**

Ensure good ventilation/exhaustion at the workplace.

Do not spray on a naked flame or any incandescent material.

Eating, drinking and smoking in work areas is prohibited.

Wash hands after use.

Remove contaminated clothing and protective equipment before entering eating areas.

**Inhalation**

In case of insufficient ventilation, use suitable respiratory protection.

**Skin**

Use barrier cream and impervious gloves.

**Eyes**

Use face shield & goggles or full face respirator/hood. Avoid direct contact.

**Ingestion**

Observe the rules of hygiene. Wash before eating, drinking or smoking.

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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	CAS Number	TWA OEL (mg/m3)	TWA OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type	Vap.Press. (mmHg)
AmoriGuard	-						
Components :	Not applicable						
TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	025265-77-4	400	100			RL	

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

OEL Type : Mixture

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary. Appropriate hand protection and protective clothing must always be used. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

### Personal protective equipment:

**Skin PPE:** Overall and impervious gloves (eg nitrile rubber)

**Respiratory PPE:** Air purifying respirator (eg cartridge type)

**Eye PPE:** Faceshield or solvent resistant goggles

**HMIS Rating (USA)** 1 - 2 - 0 - 1 (Health-Flam-Reactivity-PPE)

**SAPMA Rating** 3-H-E PPE : Gloves, Respirator and Eye protection



### SPRAYBOOTH

**Spraybooth Type** Spraybooth complying with National Standards.

**Skin PPE** Nitrile Gloves.

**Eyes PPE** Faceshield or solvent resistant goggles.

**Respiratory Protection** Air supplied full facepiece or head covering respirator suitable for organic vapours/particulates.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Water based dispersion
Odour	Typical
pH	>8.5
Boiling point	>100°C
Melting point	not available
Flash point	>100°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	not available
Water solubility	miscible
Fat solubility	Oil : miscible
Partition coefficient	not available
Viscosity	not available
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

## SECTION 10. STABILITY AND REACTIVITY

# Amoriguard

Stable under normal conditions.  
No reaction with fire-fighting water.

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## SECTION 11. TOXICOLOGICAL INFORMATION

Name	CAS Number	LD50 Oral mg/kg	LD50 Skin mg/kg	LC50 Inhal(gas) ppmV	LC50 Inhal(mist) mg/lt
- AmoriGuard	- Not applicable	>500	-	-	-
Components : TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	025265-77-4	3200 mg (Rat)	16ml/Gg		

<b>Inhalation</b>	Irritating.
<b>Skin</b>	Irritating, risk of dermatitis. May be absorbed.
<b>Eyes</b>	Irritating.
<b>Ingestion</b>	Irritating and nauseating.

## SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove.

Aquatic toxicity: No further relevant information available.

Persistence and degradability: No further relevant information available.

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

No available ecological data of ingredients.

## SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

## SECTION 14. TRANSPORT INFORMATION

**UN Number** Not applicable. Not classified as dangerous for transport.

## SECTION 15. REGULATORY INFORMATION

**Classification reference SANS10234 (1272/2008/EC)**

**Classification of the substance or mixture**

Not classified as hazardous

## SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.

IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.

HMIS Rating (USA) : 1 - 2 - 0 - 1 (Health-Flam-Reactivity-PPE)



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#### Abbreviations

Code : Abbreviation : Meaning

===== : :

: : Associated pictogram code shown in brackets

===== : :

: %m/m : Percent by mass

: ATE : Acute Toxicity Estimate

: CAS : Chemical Abstracts Service

: CHIP : Chemicals (Hazard Information and Packaging for supply)

: CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

: CNS : Central Nervous System

: DIN : Standard of the German Institute for Standardisation

: DOT : Department of Transport

: EC : European Community

: EC50 : Effective Concentration (Median) for 50% of the response under test

: ECB : European Chemicals Bureau

: ECHA : European Chemicals Agency, Helsinki ([http://echa.europa.eu/home\\_en.asp](http://echa.europa.eu/home_en.asp))

: EEC : European Economic Community

: EINECS : European Inventory of Existing Chemical Substances

: ELINCS : European List of Notified Chemical Substances

: GHS : Globally Harmonized System of Classification and Labelling of Chemicals

: HMIS : Hazardous Materials Information System (USA only)

: IATA : International Air Transport Association

: IMDG : International Maritime Dangerous Goods Code

: IMO : International Maritime Organization

: INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007

: ISO : International Standards Organisation

: L.E.L. : Lower explosive limit

: LD50/LC50 : Median (50%) lethal dose/concentration

: mg/m3 : Milligrams per cubic meter

: MSDS : Material safety data sheet

: n.a. : Not available

: NC : No Classification

: No : Number

: OEL : Occupational exposure limit

: OEL-CL : Occupational exposure limit - control limit

: OEL-RL : Occupational exposure limit - recommended limit

: OHS Act : Occupational Health and Safety Act

: P statement : Precautionary statement

: PPE : Personal protective equipment

: ppm : Parts per million

: REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

: RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)

: SABS : South African Bureau of Standards

: SANS : South African National Standards

: SAPMA : South African Paint Manufacturers Association

: SARA 313 : Toxic Release Inventory Reporting SRA Section 3

: SDS : Safety Data Sheet

: STOEL : Short-term occupational exposure limit

: STOT-RE : Specific Target Organ Toxicity - Repeated Exposure

: STOT-SE : Specific Target Organ Toxicity - Single Exposure

: TDG : Transport of Dangerous Goods

: TSCA : Toxic Substance Control Act (USA only)

: TWA : Time weighted average

: U.E.L. : Upper explosive limit

: UN : United Nations

: WHMIS : Workplace Hazardous Materials Information Systems (Canada only)

===== : :

This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)

OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)

SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)

All information is given in good faith but without guarantee in respect of accuracy.

No responsibility is accepted for errors or omissions or the consequences thereof.

(Date of issue: 20/12/2016 Date of analysis: 20/12/2016)

#### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Code</b>	339001	<b>Product Name</b>	Amoriguard A-Gain Topcoat
<b>Recommended use</b>	A paint or paint constituent product		
<b>Company Name</b>	Dekro Paints		

*Sustainable Paint Solutions*

# Amoriguard

**Address** 24 Fabriek Street, Kuilsriver, 7579  
South Africa  
**Telephone** 021 903 3131  
**Facsimile** 021 903 2307  
**Emergency Contact** Samuel Jansen  
**Contact number** 021 903 3131

## SECTION 2. HAZARDS IDENTIFICATION

**Overall Nature** EC Classification: Not classified as hazardous  
**Classification reference** SANS10234 (1272/2008/EC)  
**Classification of the substance or mixture**

Not classified as hazardous

### GHS label elements, including precautionary statements

**Signal word** None  
**Pictograms** None

### Hazard and Precautionary Statements

Hazard Statements  
Precautionary Statements

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Product type:** Mixture **Generic name:**  
**CAS No.:** Not applicable **EU Index No:** Not applicable **UN No:** Not applicable

### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	<1.1 %		025265-77-4	n/q

**Classification reference** SANS10234 (1272/2008/EC)  
EC Index Classification | Hazard Code | Note |

## SECTION 4. FIRST AID MEASURES

**Inhalation** Move to fresh air.  
**Skin** Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention.  
**Eyes** Rinse immediately with plenty of water. Seek medical advice if symptoms persist.  
**Ingestion** Wash mouth with plenty of water. Do NOT induce vomiting. seek medical attention.

**PRODUCT:** A-GAIN Topcoat

**CODE:** 339001

**DATE ISSUED:** 20/12/2016

## SECTION 5. FIRE FIGHTING MEASURES

**Suitable extinguishing media:**

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

**Specific hazards arising from the chemical:**

Containers liable to burst in a fire.

Combustible with toxic fumes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain & collect. Use an inert - NOT sawdust. Keep out of drains & sewers.

Wear protective equipment (see Section 8). Keep unprotected persons away.

Do not allow product to reach sewage system or any water course.

Remove ignition sources and provide sufficient ventilation.

## SECTION 7. HANDLING AND STORAGE

**Storage:**

Alkaline - corrosive. Caution with contact with non-ferrous metals.

No open flames. No smoking.

Store containers with due care in case of fire.

**Handling:**

Ensure good ventilation/exhaustion at the workplace.

Do not spray on a naked flame or any incandescent material.

Eating, drinking and smoking in work areas is prohibited.

Wash hands after use.

Remove contaminated clothing and protective equipment before entering eating areas.

**Inhalation**

In case of insufficient ventilation, use suitable respiratory protection.

**Skin**

Use barrier cream and impervious gloves.

**Eyes**

Use face shield & goggles or full face respirator/hood. Avoid direct contact.

**Ingestion**

Observe the rules of hygiene. Wash before eating, drinking or smoking.



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## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	CAS Number	TWA OEL (mg/m3)	TWA OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type	Vap.Press. (mmHg)
AmoriGuard Components : TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	- Not applicable	- -----	- -----	- -----	- -----	- -----	- -----
	025265-77-4	400	100			RL	

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

OEL Type : Mixture

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary. Appropriate hand protection and protective clothing must always be used. Keep away from foodstuffs, beverages and feed. Wash hands before breaks and at the end of work.

### Personal protective equipment:

**Skin PPE:** Overall and impervious gloves (eg nitrile rubber)

**Respiratory PPE:** Air purifying respirator (eg cartridge type)

**Eye PPE:** Faceshield or solvent resistant goggles

**HMIS Rating (USA)** 1 - 2 - 0 - 1 (Health-Flam-Reactivity-PPE)

**SAPMA Rating** 3-H-E PPE : Gloves, Respirator and Eye protection



### SPRAYBOOTH

**Spraybooth Type** Spraybooth complying with National Standards.

**Skin PPE** Nitrile Gloves.

**Eyes PPE** Faceshield or solvent resistant goggles.

**Respiratory Protection** Air supplied full facepiece or head covering respirator suitable for organic vapours/particulates.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Water based dispersion
Odour	Typical
pH	>8,5
Boiling point	>100°C
Melting point	not available
Flash point	>100°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	not available
Water solubility	miscible
Fat solubility	Oil : miscible
Partition coefficient	not available
Viscosity	not available
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

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## SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions.  
No reaction with fire-fighting water.

## SECTION 11. TOXICOLOGICAL INFORMATION

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal(gas)	LC50 Inhal(mist)
-	-	mg/kg	mg/kg	ppmV	mg/lt
AmoriGuard	Not applicable	>500	-	-	-
Components :	-----	-----	-----	-----	-----
TRIMETHYL-PENTADIOL- MONOISOBUTYRATE	025265-77-4	3200 mg (Rat)	16ml/Gg		

  

<b>Inhalation</b>	Irritating.
<b>Skin</b>	Irritating, risk of dermatitis. May be absorbed.
<b>Eyes</b>	Irritating.
<b>Ingestion</b>	Irritating and nauseating.

## SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove.  
Aquatic toxicity: No further relevant information available.  
Persistence and degradability: No further relevant information available.  
Bioaccumulative potential: No further relevant information available.  
Mobility in soil: No further relevant information available.

No available ecological data of ingredients.

## SECTION 13. DISPOSAL INFORMATION

Use reputable waste disposal contractors. Exercise caution in disposal of used containers.  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

## SECTION 14. TRANSPORT INFORMATION

**UN Number** Not applicable. Not classified as dangerous for transport.

## SECTION 15. REGULATORY INFORMATION

**Classification reference SANS10234 (1272/2008/EC)**  
**Classification of the substance or mixture**  
Not classified as hazardous

## SECTION 16. OTHER INFORMATION

TAKE PRECAUTIONARY MEASURES AGAINST STATIC DISCHARGES.  
IN CASE OF ANY DISCOMFORT ALWAYS SEEK MEDICAL ADVICE.  
HMIS Rating (USA) : 1 - 2 - 0 - 1 (Health-Flam-Reactivity-PPE)



**PRODUCT:** A-GAIN Topcoat

**CODE:** 339001

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#### Abbreviations

Code : Abbreviation : Meaning

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: : Associated pictogram code shown in brackets

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: %m/m : Percent by mass

: ATE : Acute Toxicity Estimate

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: CHIP : Chemicals (Hazard Information and Packaging for supply)

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: L.E.L. : Lower explosive limit

: LD50/LC50 : Median (50%) lethal dose/concentration

: mg/m<sup>3</sup> : Milligrams per cubic meter

: MSDS : Material safety data sheet

: n.a. : Not available

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: No : Number

: OEL : Occupational exposure limit

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===== :

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SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)

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