# **SAFETY DATA SHEETS**

# This SDS packet was issued with item: 070445965

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

070445916 070445924 070445932 070445940 070445957 070445973 070445981 070445999 070446005 070446013 070446039 070446047 070446054 070446062 070446070 070446088 070446096



Printing date 05/01/2016

#### Reviewed on 05/01/2016

#### **1 Identification**

#### · Product identifier

- · Trade name: PANAVIA V5 ; Paste
- · Article number: US214-P
- $\cdot$  Application of the substance / the mixture Resin-based dental adhesive cement
- · Details of the supplier of the safety data sheet
- · Manufacturer:

Kuraray Noritake Dental Inc. 1621 Sakazu, Kurashiki, Okayama 710-0801, Japan • Contact information:

Kuraray America, Inc. 33 Maiden Lane, 6th Floor, New York, NY 10038 U.S.A. Tel: 800-879-1676 Fax: 888-700-5200 Website: www.kuraraydental.com

#### 2 Composition/information on ingredients

· Chemical characterization: Mixtures

 $\cdot$  **Description:** Mixture of substances listed below with nonhazardous additions.

#### · Dangerous components:

5-15%
<5%

Pigments

#### **3 Hazard(s) identification**

• Classification of the substance or mixture GHS07	
Skin Irrit. 2 H315 Causes skin irritation.	
Eye Irrit. 2A H319 Causes serious eye irritation.	
<ul> <li>Label elements</li> <li>GHS label elements</li> <li>The product is classified and labeled according to the Globally Harmonized System (GHS).</li> <li>Hazard pictograms GHS07</li> <li>Signal word Warning</li> <li>Hazard statements</li> <li>H315 Causes skin irritation.</li> </ul>	
	(Contd. on page 2)



# Safety Data Sheet acc. to OSHA HCS

Reviewed on 05/01/2016

Trade name: PANAVIA V5 ; Paste

11210 C	(Contd. of pag	ge 1)
	erious eye irritation.	
· Precautionary		
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P305+P351+P3	338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P321	Specific treatment (see on this label).	
P362	Take off contaminated clothing and wash before reuse.	
P332+P313	If skin irritation occurs: Get medical advice/attention.	
P337+P313	If eye irritation persists: Get medical advice/attention.	
Ē		
<b>HMIS-ratings</b>	(scale 0 - 4)	
FIRE 0	Health = 0 Fire = 0 Reactivity = 0	

#### **4 First-aid measures**

#### · General information:

- Avoid contact with eyes.
- Avoid contact with skin.
- · After inhalation: Supply fresh air; consult doctor in case of complaints.
- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.

#### **5 Fire-fighting measures**

- · Suitable extinguishing agents:
- CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- Special hazards arising from the substance or mixture No further relevant information available.
- · Protective equipment: No special measures required.

#### **6 Accidental release measures**

- · Personal precautions, protective equipment and emergency procedures Not required.
- $\cdot$  Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- $\cdot$  Methods and material for containment and cleaning up:  $\mbox{Pick}$  up mechanically.
- · Reference to other sections
- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

#### 7 Handling and storage

- $\cdot$  Precautions for safe handling No special precautions are necessary if used correctly.
- · Information about protection against explosions and fires: No special measures required.

(Contd. on page 3)

USA



# Safety Data Sheet acc. to OSHA HCS

Reviewed on 05/01/2016

(Contd. of page 2)

#### Trade name: PANAVIA V5 ; Paste

· Storage:

- Requirements to be met by storerooms and receptacles: Store in a refrigerator (2-8 °C).
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:
- Keep receptacle tightly sealed. Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.
- $\cdot$  Specific end use(s) No further relevant information available.

#### 8 Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.
- · Components with limit values that require monitoring at the workplace:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- Additional information: The lists that were valid during the creation were used as basis.
- · Personal protective equipment:
- · General protective and hygienic measures: Wash hands before breaks and at the end of work.
- Breathing equipment: Not required.
- · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection: Safety glasses

General Information		
Appearance:		
Form:	Pasty	
Color:	Coloured	
Odor:	Odorless	
pH-value:	Not applicable.	
Change in condition		
Melting point/Melting range:	Not applicable	
<b>Boiling point/Boiling range:</b>	Not applicable	
Flash point:	Not applicable	
Flammability (solid, gaseous):	Not determined.	
Ignition temperature:		
Decomposition temperature:	Not determined.	



#### Trade name: PANAVIA V5 ; Paste

		(Contd. of page 2
· Auto igniting:	Not determined.	
· Danger of explosion:	Product does not present an explosion hazard.	
· Explosion limits:		
Lower:	Not determined.	
Upper:	Not determined.	
· Vapor pressure:	Not applicable.	
· Density at 20 °C:	1.8 g/cm <sup>3</sup>	
· Relative density	Not determined.	
· Vapour density	Not applicable.	
· Evaporation rate	Not applicable.	
· Solubility in / Miscibility with		
Water:	Insoluble.	
· Partition coefficient (n-octanol/wa	ter): Not determined.	
· Viscosity:		
Dynamic:	Not applicable.	
Organic solvents:	0.0 %	
· Other information	No further relevant information available.	

## **10 Stability and reactivity**

· Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: Carbon monoxide and carbon dioxide

#### **11 Toxicological information**

- · Acute toxicity:
- · Primary irritant effect:
- $\cdot$  on the skin: Irritating effect
- $\cdot$  on the eye: Irritating effect.
- $\cdot$  Sensitization: No sensitizing effects known.
- $\cdot$  Additional toxicological information:
- · Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

#### · NTP (National Toxicology Program)

None of the ingredients is listed.

#### **12 Ecological information**

- · Persistence and degradability No further relevant information available.
- **Bioaccumulative potential** No further relevant information available.
- · Additional ecological information:
- · General notes:
- Water hazard class 1 (Self-assessment): slightly hazardous for water

(Contd. on page 5)



#### Reviewed on 05/01/2016

Trade name: PANAVIA V5 ; Paste

(Contd. of page 4)

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Safety Data Sheet acc. to OSHA HCS

#### **13 Disposal considerations**

· Waste treatment methods

#### · Recommendation:

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

· Uncleaned packagings:

• **Recommendation:** Disposal must be made according to official regulations.

#### **14 Transport information** · UN-Number Void · DOT, ADR, ADN, IMDG, IATA · UN proper shipping name · DOT, ADR, ADN, IMDG, IATA Void · Transport hazard class(es) · DOT, ADR, ADN, IMDG, IATA · Class Void · Packing group · DOT, ADR, IMDG, IATA Void · Environmental hazards: · Marine pollutant: No · Special precautions for user Not applicable. · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not applicable. · UN "Model Regulation":

#### **15 Regulatory information**

# Sara Section 355 (extremely hazardous substances): None of the ingredient is listed. Section 313 (Specific toxic chemical listings): None of the ingredients is listed. TSCA (Toxic Substances Control Act): All ingredients are listed. Proposition 65 Chemicals known to cause cancer: None of the ingredients is listed. Chemicals known to cause reproductive toxicity for females: None of the ingredients is listed. Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed. Chemicals known to cause reproductive toxicity for males: None of the ingredients is listed.



# Safety Data Sheet acc. to OSHA HCS

Reviewed on 05/01/2016

(Contd. of page 5)

USA

Trade name: PANAVIA V5 ; Paste

· Chemicals known to cause developmental toxicity:

None of the ingredients is listed.

· Cancerogenity categories

 $\cdot$  EPA (Environmental Protection Agency)

None of the ingredients is listed.

 $\cdot$  TLV (Threshold Limit Value established by ACGIH)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

#### **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Version: 1

#### · Relevant phrases

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

• Abbreviations and acronyms:

Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

75-95%

#### Reviewed on 05/01/2016

#### **1 Identification**

#### · Product identifier

- · Trade name: PANAVIA V5 Try-in Paste
- · Article number: US214-Ti
- · Application of the substance / the mixture Dental colour matching test material
- · Details of the supplier of the safety data sheet
- · Manufacturer:

Kuraray Noritake Dental Inc. 1621 Sakazu, Kurashiki, Okayama 710-0801, Japan • Contact information:

Kuraray America, Inc. 33 Maiden Lane, 6th Floor, New York, NY 10038 U.S.A. Tel: 800-879-1676 Fax: 888-700-5200 Website: www.kuraraydental.com

#### 2 Composition/information on ingredients

· Chemical characterization: Mixtures

 $\cdot$  **Description:** Mixture of substances listed below with nonhazardous additions.

#### · Dangerous components:

56-81-5 glycerol

• Other ingredients: Silanated silica filler Silanated colloidal silica Colloidal silica Pigments

#### **3 Hazard(s) identification**

#### $\cdot$ Classification of the substance or mixture

The product is not classified according to the Globally Harmonized System (GHS).

- · Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Classification system:
- NFPA ratings (scale 0 4)



FIRE1Fire = 1REACTIVITY0Reactivity = 0

(Contd. on page 2)

USA



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Printing date 05/01/2016

#### Reviewed on 05/01/2016

#### Trade name: PANAVIA V5 Try-in Paste

(Contd. of page 1)

#### **4 First-aid measures**

- After inhalation: Supply fresh air and to be sure call for a doctor.
- After skin contact: Generally the product does not irritate the skin.
- After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.

#### **5 Fire-fighting measures**

- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- Special hazards arising from the substance or mixture No further relevant information available.

Safety Data Sheet acc. to OSHA HCS

· Protective equipment: No special measures required.

#### **6 Accidental release measures**

- · Personal precautions, protective equipment and emergency procedures Not required.
- · Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- $\cdot$  Methods and material for containment and cleaning up: Pick up mechanically.
- Reference to other sections No dangerous substances are released.

#### 7 Handling and storage

- Precautions for safe handling No special measures required.
- · Information about protection against explosions and fires: No special measures required.
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location (2-25 °C).
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:
- Store in cool, dry conditions in well sealed receptacles.
- Keep receptacle tightly sealed.
- Protect from heat and direct sunlight.
- · Specific end use(s) No further relevant information available.

#### 8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see item 7.

#### · Components with limit values that require monitoring at the workplace:

#### 56-81-5 glycerol

PEL Long-term value: 15\* 5\*\* mg/m<sup>3</sup>

mist; \*total dust \*\*respirable fraction

TLV TLV withdrawn-insufficient data human occup. exp.

• Additional information: The lists that were valid during the creation were used as basis.

· Personal protective equipment:

· General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

- · Breathing equipment: Not required.
- · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 3)



# Reviewed on 05/01/2016

#### Trade name: PANAVIA V5 Try-in Paste

(Contd. of page 2)

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Safety Data Sheet acc. to OSHA HCS

#### · Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

• Eye protection: Not required.

General Information	
Appearance:	
Form:	Pasty
Color:	Coloured
Odor:	Odorless
pH-value:	Not applicable
Change in condition	
Melting point/Melting range:	18.2 °C (glycerol)
<b>Boiling point/Boiling range:</b>	290 °C (glycerol)
Flash point:	160 °C (glycerol)
Ignition temperature:	400.0 °C (glycerol)
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.9 Vol % (glycerol)
Upper:	Not applicable
Vapor pressure:	0.1 hPa (20 °C, glycerol)
Density:	1.2 g/cm <sup>3</sup>
Vapour density	Not applicable
Solubility in / Miscibility with	
Water:	Partly soluble.
Partition coefficient (n-octanol/water):	Not applicable
Other information	No further relevant information available.

#### **10 Stability and reactivity**

• Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

• **Incompatible materials:** No further relevant information available.

· Hazardous decomposition products: Carbon monoxide and carbon dioxide

#### **11 Toxicological information**

- · Acute toxicity:
- · Primary irritant effect:
- on the skin: No irritant effect.
- on the eye: No irritating effect.

(Contd. on page 4) USA



Printing date 05/01/2016

#### Trade name: PANAVIA V5 Try-in Paste

(Contd. of page 3)

- Sensitization: No sensitizing effects known.
- $\cdot$  Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

#### · Carcinogenic categories

· IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

#### **12 Ecological information**

· Persistence and degradability No further relevant information available.

- · Bioaccumulative potential No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### **13 Disposal considerations**

Waste treatment methods

• Recommendation: Smaller quantities can be disposed of with household waste.

· Uncleaned packagings:

· Recommendation: Disposal must be made according to official regulations.

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4	ranspor	f in	orma	llon

· UN-Number · DOT, ADR, ADN, IMDG, IATA	Void	
<ul> <li>· UN proper shipping name</li> <li>· DOT, ADR, ADN, IMDG, IATA</li> </ul>	Void	
· Transport hazard class(es)		
• DOT, ADR, ADN, IMDG, IATA • Class	Void	
<ul> <li>Packing group</li> <li>DOT, ADR, IMDG, IATA</li> </ul>	Void	
<ul> <li>Environmental hazards:</li> <li>Marine pollutant:</li> </ul>	No	
· Special precautions for user	Not applicable.	
• Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.	
· UN "Model Regulation":	-	
		USA

(Contd. on page 5)



Printing date 05/01/2016

Reviewed on 05/01/2016

Trade name: PANAVIA V5 Try-in Paste

(Contd. of page 4)

USA

· Sara		
· Section 355 (extreme	y hazardous substances):	
None of the ingredient	is listed.	
· Section 313 (Specific	oxic chemical listings):	
None of the ingredient	is listed.	
· TSCA (Toxic Substa	ces Control Act):	
All ingredients are list	d.	
· Proposition 65		
· Chemicals known to	ause cancer:	
None of the ingredient	is listed.	
· Chemicals known to	ause reproductive toxicity for females:	
None of the ingredient	is listed.	
	ause reproductive toxicity for males:	
None of the ingredient	is listed.	
· Chemicals known to	ause developmental toxicity:	
None of the ingredient		
· Cancerogenity categority		
· EPA (Environmental	Protection Agency)	
None of the ingredient	is listed.	
· TLV (Threshold Lim	t Value established by ACGIH)	
None of the ingredient	is listed.	
· NIOSH-Ca (National	Institute for Occupational Safety and Health)	

#### **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

 $\cdot$  Version: 1

75-95%

#### Reviewed on 08/18/2015

#### **1** Identification

#### · Product identifier

- · Trade name: PANAVIA V5 Try-in Paste
- · Article number: US214-Ti
- $\cdot$  Application of the substance / the mixture Dental colour matching test material
- · Details of the supplier of the safety data sheet
- · Manufacturer:
- Kuraray Noritake Dental Inc. 1621 Sakazu, Kurashiki, Okayama 710-0801, Japan • **Contact information:**

Kuraray America, Inc. 33 Maiden Lane, 6th Floor, New York, NY 10038 U.S.A. Tel: 800-879-1676 Fax: 888-700-5200 Website: www.kuraraydental.com

#### 2 Composition/information on ingredients

· Chemical characterization: Mixtures

 $\cdot$  **Description:** Mixture of substances listed below with nonhazardous additions.

#### · Dangerous components:

56-81-5 glycerol

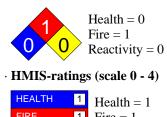
• Other ingredients: Silanated silica filler Silanated colloidal silica Colloidal silica Pigments

#### **3 Hazard(s) identification**

#### $\cdot$ Classification of the substance or mixture

The product is not classified according to the Globally Harmonized System (GHS).

- · Label elements
- · GHS label elements Void
- · Hazard pictograms Void
- · Signal word Void
- · Hazard statements Void
- · Classification system:
- NFPA ratings (scale 0 4)





(Contd. on page 2)

USA



Printing date 08/20/2015

# Reviewed on 08/18/2015

## Trade name: PANAVIA V5 Try-in Paste

(Contd. of page 1)

# 4 First-aid measures

- After inhalation: Supply fresh air and to be sure call for a doctor.
- After skin contact: Generally the product does not irritate the skin.
- $\cdot$  After eye contact: Rinse opened eye for several minutes under running water.
- $\cdot$  After swallowing: If symptoms persist consult doctor.

# **5** Fire-fighting measures

- Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- $\cdot$  Special hazards arising from the substance or mixture No further relevant information available.
- · Protective equipment: No special measures required.

# 6 Accidental release measures

- $\cdot$  Personal precautions, protective equipment and emergency procedures  $\operatorname{Not}$  required.
- $\cdot$  Environmental precautions: Do not allow to enter sewers/ surface or ground water.
- $\cdot$  Methods and material for containment and cleaning up:  $\mbox{Pick}$  up mechanically.
- Reference to other sections No dangerous substances are released.

# 7 Handling and storage

- $\cdot$   $\ensuremath{\textbf{Precautions}}$  for safe handling No special measures required.
- Information about protection against explosions and fires: No special measures required.
- · Storage:
- $\cdot$  Requirements to be met by storerooms and receptacles: Store in a cool location (2-25 °C).
- $\cdot$  Information about storage in one common storage facility: Not required.
- $\cdot$  Further information about storage conditions:
- Store in cool, dry conditions in well sealed receptacles.
- Keep receptacle tightly sealed.
- Protect from heat and direct sunlight.
- $\cdot$  Specific end use(s) No further relevant information available.

# 8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see item 7.

#### $\cdot$ Components with limit values that require monitoring at the workplace:

#### 56-81-5 glycerol

PEL Long-term value: 15\* 5\*\* mg/m<sup>3</sup>

mist; \*total dust \*\*respirable fraction

TLV TLV withdrawn-insufficient data human occup. exp.

 $\cdot$  Additional information: The lists that were valid during the creation were used as basis.

· Personal protective equipment:

 $\cdot$  General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

- Breathing equipment: Not required.
- · Protection of hands:

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

(Contd. on page 3)

USA



Printing date 08/20/2015

# Reviewed on 08/18/2015

#### Trade name: PANAVIA V5 Try-in Paste

(Contd. of page 2)

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Safety Data Sheet acc. to OSHA HCS

#### · Penetration time of glove material

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

• Eye protection: Not required.

General Information	
Appearance:	
Form:	Pasty
Color:	Coloured
Odor:	Odorless
pH-value:	Not applicable
Change in condition	
Melting point/Melting range:	18.2 °C (glycerol)
<b>Boiling point/Boiling range:</b>	290 °C (glycerol)
Flash point:	160 °C (glycerol)
Ignition temperature:	400.0 °C (glycerol)
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.9 Vol % (glycerol)
Upper:	Not applicable
Vapor pressure:	0.1 hPa (20 °C, glycerol)
Density:	1.2 g/cm <sup>3</sup>
Vapour density	Not applicable
Solubility in / Miscibility with	
Water:	Partly soluble.
Partition coefficient (n-octanol/wat	er): Not applicable
Other information	No further relevant information available.

#### **10 Stability and reactivity**

• Thermal decomposition / conditions to be avoided: No decomposition if used and stored according to specifications.

- **Incompatible materials:** No further relevant information available.
- Hazardous decomposition products: Carbon monoxide and carbon dioxide

#### **11 Toxicological information**

- · Acute toxicity:
- · Primary irritant effect:
- · on the skin: No irritant effect.
- on the eye: No irritating effect.

(Contd. on page 4)



Printing date 08/20/2015

# Safety Data Sheet acc. to OSHA HCS

Reviewed on 08/18/2015

#### Trade name: PANAVIA V5 Try-in Paste

(Contd. of page 3)

- Sensitization: No sensitizing effects known.
- · Additional toxicological information:

The product is not subject to classification according to internally approved calculation methods for preparations:

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

#### · Carcinogenic categories

 $\cdot$  IARC (International Agency for Research on Cancer)

None of the ingredients is listed.

· NTP (National Toxicology Program)

None of the ingredients is listed.

#### **12 Ecological information**

· Persistence and degradability No further relevant information available.

- · Bioaccumulative potential No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### **13 Disposal considerations**

· Waste treatment methods

• Recommendation: Smaller quantities can be disposed of with household waste.

· Uncleaned packagings:

· UN "Model Regulation":

• Recommendation: Disposal must be made according to official regulations.

4 Transport information	
· UN-Number · DOT, ADR, ADN, IMDG, IATA	Void
· UN proper shipping name · DOT, ADR, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· DOT, ADR, ADN, IMDG, IATA · Class	Void
	Volu
<ul> <li>Packing group</li> <li>DOT, ADR, IMDG, IATA</li> </ul>	Void
<ul> <li>Environmental hazards:</li> <li>Marine pollutant:</li> </ul>	No
· Special precautions for user	Not applicable.
• Transport in bulk according to Annex MARPOL73/78 and the IBC Code	II of Not applicable.

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(Contd. on page 5)

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Printing date 08/20/2015

#### Reviewed on 08/18/2015

#### Trade name: PANAVIA V5 Try-in Paste

(Contd. of page 4)

USA

5 Re	gulatory information
· Sar	a
	tion 355 (extremely hazardous substances):
Nor	ne of the ingredient is listed.
·Sec	tion 313 (Specific toxic chemical listings):
Nor	ne of the ingredients is listed.
· TSO	CA (Toxic Substances Control Act):
All	ingredients are listed.
	position 65
	emicals known to cause cancer:
Nor	ne of the ingredients is listed.
· Che	emicals known to cause reproductive toxicity for females:
Nor	ne of the ingredients is listed.
· Che	emicals known to cause reproductive toxicity for males:
Nor	ne of the ingredients is listed.
· Che	emicals known to cause developmental toxicity:
	ne of the ingredients is listed.
	ncerogenity categories
	A (Environmental Protection Agency)
Nor	ne of the ingredients is listed.
	V (Threshold Limit Value established by ACGIH)
Nor	ne of the ingredients is listed.
· NIC	OSH-Ca (National Institute for Occupational Safety and Health)
Nor	ne of the ingredients is listed.

#### **16 Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

 $\cdot$  Version: 1