Dated Jan. 2018, version EU std.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: ceramic pigment
Trade code: Stain Basic 17 Co blue, etc.

Product type and use: inorganic ceramic pigment

1.2 Business details

Decopotterycolour Sweden HB

Address:Torsby 140 - 44273 Kärna - Sweden

Tel: +46 0733507232

1.3 Phone number in case of emergency:

Email: info@decopotterycolour.se Web: www.decopotterycolour.se

In case of emergency: call emergency telephone number relevant for the country in which you are located

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Co-Al-Si

4. FIRST AID MEASURES

Contact with skin: Wash with plenty of water and soap.

Contact with eyes: Wash immediately with water for at least 10 minutes.

Swallowing: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation: Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feels unwell, OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers: Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used: None in particular.

Risks arising from combustion: Avoid inhaling the fumes. Protective equipment: Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety: Use gloves and protective clothing.

Environmental measures: If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods: If the product is in a liquid form, stop it from entering the drainage system.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact and inhalation of the vapors. See, too, paragraph 8 below.

Do not eat or drink while working. Incompatible materials: None in particular.

Storage conditions: Instructions as regards storage facilities.

Premises: Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Respiratory protection: Not needed for normal use. Protection for hands: Not needed for normal use. Eye protection: Not needed for normal use.

Protection for skin: No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH): None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: blue

Odour: odorless pH: n.a

Melting point: >800°C Solubility in water: insoluble Lipid solubility: insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions.

Substances to avoid: None in particular. Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

The product does not contain toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recycling: Disposed of in sealed container marked 'metal oxides' at a recycling centre

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION (Classification and Labelling): The

(Classification and Labelling): The preparation should not be considered as dangerous accordingly to dir. 88/379/EEC.

16. OTHER INFORMATION

Main bibliographic sources:

- ECDIN Environmental Chemicals Data and Information Network Joint Research Centre, Commission of the European Communities
- SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS Eight Edition Van Nostrand Reinold
- ACGIH Threshold Limit Values 1993/94 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

Dated Jan. 2018, version EU std.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: ceramic pigment

Trade code: Stain Basic and Lite 01 Pr. Yellow Product type and use: inorganic ceramic pigment

1.2 Business details

Decopotterycolour Sweden HB

Address:Torsby 140 - 44273 Kärna - Sweden

Tel: +46 0733507232

Email: info@decopotterycolour.se Web:www.decopotterycolour.se

1.3 Phone number in case of emergency:

In case of emergency: call emergency telephone number relevant for the country in which you are located

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Pr-Zr-Si

4. FIRST AID MEASURES

Contact with skin: Wash with plenty of water and soap.

Contact with eyes: Wash immediately with water for at least 10 minutes.

Swallowing: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation: Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers: Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used: None in particular.

Risks arising from combustion: Avoid inhaling the fumes. Protective equipment: Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety: Use gloves and protective clothing.

Environmental measures: If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods: If the product is in a liquid form, stop it from entering the drainage system.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact and inhalation of the vapors. See, too, paragraph 8 below.

Do not eat or drink while working. Incompatible materials: None in particular.

Storage conditions: Instructions as regards storage facilities.

Premises: well-ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Respiratory protection: Not needed for normal use. Protection for hands: Not needed for normal use. Eye protection: Not needed for normal use.

Protection for skin: No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH): None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: Yellow

Odour: odorless pH: n.a Melting point: >800°C Solubility in water: insoluble Lipid solubility: insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions.

Substances to avoid: None in particular. Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

The product does not contain toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recycling: Disposed of in sealed container marked 'metal oxides' at a recycling centre

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

(Classification and Labelling): The preparation should not be considered as dangerous accordingly to dir. 88/379/EEC.

16. OTHER INFORMATION

Main bibliographic sources:

- ECDIN Environmental Chemicals Data and Information Network Joint Research Centre, Commission of the European Communities
- SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS Eight Edition Van Nostrand Reinold
- ACGIH Threshold Limit Values 1993/94 edition

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Dated Jan. 2018, version EU std.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: ceramic pigment

Trade code: Stain Red Basic 09. Stain Orange Basic 05. Stain Red Lite 09

Product type and use: inorganic ceramic pigment

1.2 Business details

Decopotterycolour Sweden HB

Address:Torsby 140 - 44273 Kärna - Sweden

Tel: +46 0733507232

Email: info@decopotterycolour.se Web: www.decopotterycolour.se

1.3 Phone number in case of emergency:

In case of emergency: call emergency telephone number relevant for the country in which you are located

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Se-Cd-Zr-Si

4. FIRST AID MEASURES

Contact with skin: Wash with plenty of water and soap.

Contact with eyes: Wash immediately with water for at least 10 minutes.

Swallowing: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation: Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. FIREFIGHTING MEASURES

Recommended extinguishers: Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used: None in particular.

Risks arising from combustion: Avoid inhaling the fumes.

Protective equipment: Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety: Use gloves and protective clothing.

Environmental measures: If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods: If the product is in a liquid form, stop it from entering the drainage system.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact and inhalation of the vapors. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials: None in particular.

Storage conditions: Instructions as regards storage facilities.

Premises: Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Respiratory protection: Not needed for normal use. Protection for hands: Not needed for normal use. Eye protection: Not needed for normal use.

Protection for skin: No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH): None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: red, orange

Odour: odorless pH: n.a Melting point: >800°C Solubility in water: insoluble

Lipid solubility: insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions.

Substances to avoid: None in particular. Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

The product does not contain toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recycling: Disposed of in sealed container marked 'metal oxides' at a recycling centre

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

(Classification and Labelling): The preparation should not be considered as dangerous accordingly to dir. 88/379/EEC.

16. OTHER INFORMATION

Main bibliographic sources:

- ECDIN Environmental Chemicals Data and Information Network Joint Research Centre, Commission of the European Communities
- SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS Eight Edition Van Nostrand Reinold
- ACGIH Threshold Limit Values 1993/94 edition

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Dated Jan. 2018, version EU std.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: ceramic pigment

Trade code: Stain Lite 17. Turquoise blue Product type and use: inorganic ceramic pigment

1.2 Business details

Decopotterycolour Sweden HB

Address:Torsby 140 - 44273 Kärna - Sweden

Tel: +46 0733507232

Email: info@decopotterycolour.se Web:www.decopotterycolour.se

1.3 Phone number in case of emergency:

In case of emergency: call emergency telephone number relevant for the country in which you are located

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

V-Zr-Si

4. FIRST AID MEASURES

Contact with skin: Wash with plenty of water and soap.

Contact with eyes: Wash immediately with water for at least 10 minutes.

Swallowing: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation: Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers: Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used: None in particular.

Risks arising from combustion: Avoid inhaling the fumes. Protective equipment: Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety: Use gloves and protective clothing.

Environmental measures: If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods: If the product is in a liquid form, stop it from entering the drainage system.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact and inhalation of the vapors. See, too, paragraph 8 below.

Do not eat or drink while working. Incompatible materials: None in particular.

Storage conditions: Instructions as regards storage facilities.

Premises: Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Respiratory protection: Not needed for normal use. Protection for hands: Not needed for normal use. Eye protection: Not needed for normal use.

Protection for skin: No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH): None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: Sky blue

Odour: odorless n.a

Melting point: >800°C Solubility in water: insoluble Lipid solubility: insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions.

Substances to avoid: None in particular. Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

The product does not contain toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recycling: Disposed of in sealed container marked 'metal oxides' at a recycling centre

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION (Classification and Labelling): The preparation should not be considered as dangerous accordingly to dir. 88/379/EEC.

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- 16. OTHER INFORMATION Main bibliographic sources:
 - SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS Eight Edition Van Nostrand Reinold

product indicated and constitutes no guarantee of particular quality.

ACGIH - Threshold Limit Values - 1993/94 edition The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the Euro-

Dated Jan. 2018, version EU std.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: ceramic pigment Trade code: Stain Black

Product type and use: inorganic ceramic pigment

1.2 Business details

Decopotterycolour Sweden HB

Address:Torsby 140 - 44273 Kärna - Sweden

Tel: +46 0733507232

Email: info@decopotterycolour.se Web: www.decopotterycolour.se

1.3 Phone number in case of emergency:

In case of emergency: call emergency telephone number relevant for the country in which you are located

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Cr-Fe-Co-Mn

4. FIRST AID MEASURES

Contact with skin: Wash with plenty of water and soap.

Contact with eyes: Wash immediately with water for at least 10 minutes.

Swallowing: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation: Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers: Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used: None in particular.

Risks arising from combustion: Avoid inhaling the fumes. Protective equipment: Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety: Use gloves and protective clothing.

Environmental measures: If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods: If the product is in a liquid form, stop it from entering the drainage system.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact and inhalation of the vapors. See, too, paragraph 8 below.

Do not eat or drink while working. Incompatible materials: None in particular.

Storage conditions: Instructions as regards storage facilities.

Premises: Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Respiratory protection: Not needed for normal use. Protection for hands: Not needed for normal use. Eye protection: Not needed for normal use.

Protection for skin: No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH): None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: black

Odour: odorless n.a

Melting point: >800°C Solubility in water: insoluble Lipid solubility: insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions.

Substances to avoid: None in particular. Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

The product does not contain toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recycling: Disposed of in sealed container marked 'metal oxides' at a recycling centre

14. TRANSPORT INFORMATION Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

16. OTHER INFORMATION

Main bibliographic sources:

(Classification and Labelling): The preparation should not be considered as dangerous accordingly to dir. 88/379/EEC.

- pean Communities SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
- ACGIH Threshold Limit Values 1993/94 edition

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ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the Euro-

Dated Jan. 2018, version EU std.

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name: ceramic pigment Trade code: Stain Basic 25 green

Product type and use: inorganic ceramic pigment

1.2 Business details

Decopotterycolour Sweden HB

Address: Torsby 140 - 44273 Kärna - Sweden

Tel: +46 0733507232

Email: info@decopotterycolour.se Web: www.decopotterycolour.se

1.3 Phone number in case of emergency:

In case of emergency: call emergency telephone number relevant for the country in which you are located

2. HAZARDS IDENTIFICATION

No specific hazards are encountered under normal product use.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Cr-Al

4. FIRST AID MEASURES

Contact with skin: Wash with plenty of water and soap.

Contact with eyes: Wash immediately with water for at least 10 minutes.

Swallowing: Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet.

A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation: Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well-ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers: Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used: None in particular.

Risks arising from combustion: Avoid inhaling the fumes. Protective equipment: Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety: Use gloves and protective clothing.

Environmental measures: If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods: If the product is in a liquid form, stop it from entering the drainage system.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions: Avoid contact and inhalation of the vapors. See, too, paragraph 8 below.

Do not eat or drink while working. Incompatible materials: None in particular.

Storage conditions: Instructions as regards storage facilities.

Premises: Adequately ventilated premises.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Precautionary measures:

Respiratory protection: Not needed for normal use. Protection for hands: Not needed for normal use. Eye protection: Not needed for normal use.

Protection for skin: No special precaution must be adopted for normal use.

Exposure limit(s) (ACGIH): None.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: grass green

Odour: odorless n.a

Melting point: >800°C Solubility in water: insoluble Lipid solubility: insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid: Stable under normal conditions.

Substances to avoid: None in particular. Hazardous decomposition products: None.

11. TOXICOLOGICAL INFORMATION

The product does not contain toxicologically relevant substances.

12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

13. DISPOSAL CONSIDERATIONS

Recycling: Disposed of in sealed container marked 'metal oxides' at a recycling centre

14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

(Classification and Labelling): The preparation should not be considered as dangerous accordingly to dir. 88/379/EEC.

16. OTHER INFORMATION

Main bibliographic sources:

- ECDIN Environmental Chemicals Data and Information Network Joint Research Centre, Commission of the European Communities
- SAX'S DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS Eight Edition Van Nostrand Reinold
- ACGIH Threshold Limit Values 1993/94 edition

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