

# SAFETY DATA SHEET

## Intercrete 4842 Grey Part B

### Section 1. Identification

Intercrete 4842 Grey Part B : GHS product identifier  
 NXA411 : Product code

Identified uses	
Professional application of coatings and inks	
Uses advised against	Reason
All Other Uses	

International Paint Ltd. : Supplier's details  
 Stoneygate Lane  
 Felling  
 Gateshead  
 Tyne and Wear  
 NE10 0JY UK  
 Tel: +44 (0)191 469 6111 Fax: +44 (0)191 438 3711

+44 (0)191 469 6111 (24H) : Emergency telephone number (with hours of operation)  
 +966 55 388 0087 : National advisory body/ Poison Centre (For use only by licensed medical professionals.)  
 sdsfellinguk@akzonobel.com : e-mail address of person responsible for this SDS

### Section 2. Hazards identification

Not classified. : Classification of the substance or mixture

#### GHS label elements

No signal word. : Signal word  
 No known significant effects or critical hazards. : Hazard statements

#### Precautionary statements

Not applicable. : Prevention  
 Not applicable. : Response  
 Not applicable. : Storage  
 Dispose of contents and container in accordance with all local, regional, national and international regulations. : Disposal  
 Wear appropriate respirator when ventilation is inadequate. : Supplemental label elements

May form explosible dust-air mixture if dispersed. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat. : Other hazards which do not result in classification

## Section 3. Composition/information on ingredients

Mixture

: Substance/mixture

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 and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. : **Eye contact**

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. : **Inhalation**

Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. : **Skin contact**

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. : **Ingestion**

### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes. : **Eye contact**

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs. : **Inhalation**

No known significant effects or critical hazards. : **Skin contact**

No known significant effects or critical hazards. : **Ingestion**

#### Over-exposure signs/symptoms

Adverse symptoms may include the following:  
irritation  
redness : **Eye contact**

Adverse symptoms may include the following:  
respiratory tract irritation  
coughing : **Inhalation**

No specific data. : **Skin contact**

No specific data. : **Ingestion**

### Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. : **Notes to physician**

No specific treatment. : **Specific treatments**

No action shall be taken involving any personal risk or without suitable training. : **Protection of first-aiders**

See toxicological information (Section 11)

## Section 5. Firefighting measures

### **Extinguishing media**

Use dry chemical powder.

: Suitable extinguishing media

Avoid high pressure media which could cause the formation of a potentially explosible dust-air mixture.

: Unsuitable extinguishing media

May form explosible dust-air mixture if dispersed.

: Specific hazards arising from the chemical

Decomposition products may include the following materials:  
carbon dioxide  
carbon monoxide  
metal oxide/oxides

: Hazardous thermal decomposition products

Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.

: Special protective actions for fire-fighters

Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

: Special protective equipment for fire-fighters

## Section 6. Accidental release measures

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

No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing dust. Put on appropriate personal protective equipment.

: For non-emergency personnel

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

: For emergency responders

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

: Environmental precautions

### **Methods and material for containment and cleaning up**

Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor.

: Small spill

Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach the release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

: Large spill

## Section 7. Handling and storage

### **Precautions for safe handling**

## Section 7. Handling and storage

Put on appropriate personal protective equipment (see Section 8). Avoid breathing dust. Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Prevent dust accumulation. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Electrical equipment and lighting should be protected to appropriate standards to prevent dust coming into contact with hot surfaces, sparks or other ignition sources. Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. : **Protective measures**

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures. : **Advice on general occupational hygiene**

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. : **Conditions for safe storage, including any incompatibilities**

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapour or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapour or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment. : **Appropriate engineering controls**

Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. : **Environmental exposure controls**

### Individual protection measures

Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location. : **Hygiene measures**

Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields. If operating conditions cause high dust concentrations to be produced, use dust goggles. : **Eye/face protection**

### Skin protection

Use chemical resistant gloves classified under Standard EN 374: Protective gloves against chemicals and micro-organisms. : **Hand protection**

## Section 8. Exposure controls/personal protection

Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	: <b>Body protection</b>
Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.	: <b>Other skin protection</b>
Use a properly fitted, particulate filter respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.	: <b>Respiratory protection</b>

## Section 9. Physical and chemical properties

### Appearance

Solid. [Powder.]	: <b>Physical state</b>
Grey.	: <b>Colour</b>
Mild.	: <b>Odour</b>
Not available.	: <b>Odour threshold</b>
Not applicable.	: <b>pH</b>
Not available.	: <b>Melting point</b>
Not available.	: <b>Boiling point</b>
Closed cup: Not applicable.	: <b>Flash point</b>
Not available.	: <b>Evaporation rate</b>
Not available.	: <b>Flammability (solid, gas)</b>
Not available.	: <b>Lower and upper explosive (flammable) limits</b>
Not available.	: <b>Vapour pressure</b>
Not available.	: <b>Vapour density</b>
2.1899	: <b>Relative density</b>
Insoluble in the following materials: cold water.	: <b>Solubility</b>
Not available.	: <b>Partition coefficient: n-octanol/water</b>
Not available.	: <b>Auto-ignition temperature</b>
Not available.	: <b>Decomposition temperature</b>
Kinematic (room temperature): Not applicable.	: <b>Viscosity</b>

## Section 10. Stability and reactivity

No specific test data related to reactivity available for this product or its ingredients.	: <b>Reactivity</b>
The product is stable.	: <b>Chemical stability</b>
Under normal conditions of storage and use, hazardous reactions will not occur.	: <b>Possibility of hazardous reactions</b>
Avoid the creation of dust when handling and avoid all possible sources of ignition (spark or flame). Take precautionary measures against electrostatic discharges. To avoid fire or explosion, dissipate static electricity during transfer by earthing and bonding containers and equipment before transferring material. Prevent dust accumulation.	: <b>Conditions to avoid</b>
Reactive or incompatible with the following materials: oxidizing materials	: <b>Incompatible materials</b>

## Section 10. Stability and reactivity

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

: **Hazardous decomposition products**

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Not available.

#### Sensitisation

Not available.

#### Mutagenicity

Not available.

#### Carcinogenicity

Not available.

#### Reproductive toxicity

Not available.

#### Teratogenicity

Not available.

#### Specific target organ toxicity (single exposure)

Not available.

#### Specific target organ toxicity (repeated exposure)

Not available.

#### Aspiration hazard

Not available.

Not available.

: **Information on likely routes of exposure**

#### Potential acute health effects

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the eyes.

: **Eye contact**

Exposure to airborne concentrations above statutory or recommended exposure limits may cause irritation of the nose, throat and lungs.

: **Inhalation**

No known significant effects or critical hazards.

: **Skin contact**

No known significant effects or critical hazards.

: **Ingestion**

#### Symptoms related to the physical, chemical and toxicological characteristics

Adverse symptoms may include the following:  
irritation  
redness

: **Eye contact**

Adverse symptoms may include the following:  
respiratory tract irritation  
coughing

: **Inhalation**

No specific data.

: **Skin contact**

No specific data.

: **Ingestion**

## Section 11. Toxicological information

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

Not available.

: Potential immediate effects

Not available.

: Potential delayed effects

#### Long term exposure

Not available.

: Potential immediate effects

Not available.

: Potential delayed effects

#### Potential chronic health effects

Not available.

Repeated or prolonged inhalation of dust may lead to chronic respiratory irritation.

: General

No known significant effects or critical hazards.

: Carcinogenicity

No known significant effects or critical hazards.

: Mutagenicity

No known significant effects or critical hazards.

: Teratogenicity

No known significant effects or critical hazards.

: Developmental effects

No known significant effects or critical hazards.

: Fertility effects

#### Numerical measures of toxicity

##### Acute toxicity estimates

Not available.

## Section 12. Ecological information

#### Toxicity

Not available.

#### Persistence and degradability

Not available.

#### Bioaccumulative potential

Not available.

#### Mobility in soil

Not available.

: Soil/water partition coefficient (K<sub>oc</sub>)

No known significant effects or critical hazards.

: Other adverse effects

## Section 13. Disposal considerations

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

: Disposal methods

Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging

## Section 13. Disposal considerations

should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## Section 14. Transport information

IATA	IMDG	UN	
Not regulated.	Not regulated.	Not regulated.	UN number
-	-	-	UN proper shipping name
-	-	-	Transport hazard class(es)
-	-	-	Packing group
No.	No.	No.	Environmental hazards
-	-	-	Additional information

Not applicable.

: IMDG Code Segregation group

**Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

: Special precautions for user

Not available.

: Transport in bulk according to Annex II of Marpol and the IBC Code

## Section 15. Regulatory information

No known specific national and/or regional regulations applicable to this product (including its ingredients).

: Safety, health and environmental regulations specific for the product

## Section 16. Other information

### Justification

Justification	Classification
Not classified.	

### History

27/04/2017

: Date of printing

27/04/2017

: Date of issue/Date of revision

25/04/2017

: Date of previous issue

3.01

: Version



## Section 16. Other information

ATE = Acute Toxicity Estimate

: Key to abbreviations

BCF = Bioconcentration Factor

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

UN = United Nations

Not available.

: References

Indicates information that has changed from previously issued version.

### Notice to reader

**IMPORTANT NOTE:** the information contained in this data sheet (as may be amended from time to time) is not intended to be exhaustive and is presented in good faith and believed to be correct as of the date on which it is prepared. It is the user's responsibility to verify that this data sheet is current prior to using the product to which it relates.

Persons using the information must make their own determinations as to the suitability of the relevant product for their purposes prior to use. Where those purposes are other than as specifically recommended in this safety data sheet, then the user uses the product at their own risk.

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