

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Product name: FORTACLEAN A213

Product code: BC A213

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

Use of substance / mixture: Used as a paint thinner or surface cleaner

1.3. Details of the supplier of the safety data sheet

Company name: International Coatings Limited, T/A McConnells

The Enterprise Centre

Ballycorus

Kiltarnan

Dublin 18

Republic of Ireland

Tel: +353 (0) 12822877

Fax: +353 (0) 12822653

Email: healthandsafety@mcc.ie

1.4. Emergency telephone number**Section 2: Hazards identification****2.1. Classification of the substance or mixture**

Classification under CHIP: F: R11; Xi: R36/38; Xn: R48/20; Xn: R63; -: R66; -: R67

Classification under CLP: Eye Irrit. 2: H319; Flam. Liq. 2: H225; Repr. 2: H361fd; Skin Irrit. 2: H315; STOT RE 2: H373; STOT SE 3: H336

Most important adverse effects: Highly flammable. Irritating to eyes and skin. Harmful: danger of serious damage to health by prolonged exposure through inhalation. Possible risk of harm to the unborn child. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

2.2. Label elements**Label elements under CLP:**

Hazard statements: H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.

H373: May cause damage to organs through prolonged or repeated exposure.

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Signal words: Danger

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS08: Health hazard



Precautionary statements: P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260: Do not breathe dust/fumes/gas/mist/vapours/spray.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P301+312: IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.

Rinse skin with water/shower.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+313: IF exposed or concerned: Get medical advice/attention.

Label elements under CHIP:

Hazard symbols: Highly flammable.

Harmful.



Risk phrases: R11: Highly flammable.

R36/38: Irritating to eyes and skin.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63: Possible risk of harm to the unborn child.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Safety phrases: S16: Keep away from sources of ignition - No smoking.

S23: Do not breathe vapour/spray.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S33: Take precautionary measures against static discharges.

S36/37: Wear suitable protective clothing and gloves.

2.3. Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.

PBT: This product is not identified as a PBT/vPvB substance.

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Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

TOLUENE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
203-625-9	108-88-3	F: R11; Xi: R38; Xn: R48/20; Xn: R63; Xn: R65; -: R67	Flam. Liq. 2: H225; Repr. 2: H361d; Asp. Tox. 1: H304; STOT RE 2: H373; Skin Irrit. 2: H315; STOT SE 3: H336	30-50%

ETHYL ACETATE

205-500-4	141-78-6	F: R11; Xi: R36; -: R66; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	30-50%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Rinse immediately with plenty of water, also under the eyelids. Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If affected by vapour, remove to fresh air, keeping the patient warm and at rest. Consult a doctor.

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

Skin contact: There may be irritation and redness at the site of contact. Repeated or prolonged contact with the preparation cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Long term exposure to spray mist or solvent vapour concentrations in excess of the occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation. Long term exposure to spray mist or solvent vapour concentrations in excess of the occupational exposure limit may result in adverse health effects on kidney, liver and the central nervous system. Symptoms and signs of long term exposure to spray mist or solvent vapours include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: In all cases of doubt, or when symptoms persist, seek medical attention.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Flammable. Vapour may travel considerable distance to source of ignition and flash back. Forms explosive air-vapour mixture. In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes. Do not allow run-off from fire fighting to enter drains or water courses. Cool closed containers exposed to fire with water.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details. Avoid breathing vapours. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Isolate from all sources of heat, sparks and open flame. Vapours are heavier than air and may form explosive mixtures with air. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

TOLUENE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	191 mg/m ³	384 mg/m ³	-	-

ETHYL ACETATE

UK	200 ppm	400 ppm	-	-
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8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition. If concentrations of particulates and vapours fall below the occupational exposure limits, suitable respiratory protection must be worn by operatives.

Respiratory protection: Use appropriate certified respirators, with gas and vapour filter and during sanding with dust filter, if ventilation is insufficient. Gas/vapour filter, type A: organic vapours (EN141). Particle filter class P1 (EN143). During continuous and long-term work, the use of motor driven or air fed respirators is recommended.

Hand protection: Impermeable gloves. Nitrile gloves. Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Eye protection: Safety glasses. Ensure eye bath is to hand. Safety eyewear must be worn during spray operations.

Skin protection: Impermeable protective clothing.

Environmental: Do not flush into surface water or sewer systems. Avoid subsoil penetration. Local authorities and the environmental protection agency should be advised if significant spillage cannot be contained. If the product contaminates rivers, lakes and drians, inform the respective authorities.

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Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid
Colour: Colourless
Odour: Strong
Solubility in water: Insoluble
Viscosity: Non-viscous
Boiling point/range°C: 77
Flammability limits %: lower: 2 vol%
upper: 12 vol %
Flash point°C: -5
Relative density: .89

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids. Strong bases.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. Exposure to decomposition products may cause a health hazard.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

TOLUENE

IVN	RAT	LD50	1960	mg/kg
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ORL	MUS	LD50	2	gm/kg
ORL	RAT	LD50	6900	mg/kg

ETHYL ACETATE

ORL	MUS	LD50	4100	mg/kg
ORL	RAT	LD50	5620	mg/kg
SCU	RAT	LDLO	5	gm/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT DRM	Hazardous: calculated
Repeated dose toxicity	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact. Repeated or prolonged contact with the preparation cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

Eye contact: There may be irritation and redness. The eyes may water profusely.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. There may be vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Long term exposure to spray mist or solvent vapour concentrations in excess of the occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation. Long term exposure to spray mist or solvent vapour concentrations in excess of the occupational exposure limit may result in adverse health effects on kidney, liver and the central nervous system. Symptoms and signs of long term exposure to spray mist or solvent vapours include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Harmful if taken internally.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

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12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Waste code number: 08 01 11

Disposal of packaging: Empty cans should be recycled or disposed of in accordance with local regulations.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1263

14.2. UN proper shipping name

Shipping name: PAINT RELATED MATERIAL

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

IMDG seg. group: 3

Section 15: Regulatory information

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

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15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

H361d: Suspected of damaging the unborn child.

H361fd: Suspected of damaging fertility. Suspected of damaging the unborn child.

H373: May cause damage to organs <or state all organs affected, if known> through prolonged or repeated exposure <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

R11: Highly flammable.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R38: Irritating to skin.

R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R63: Possible risk of harm to the unborn child.

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R67: Vapours may cause drowsiness and dizziness.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product. The above information describes the safety requirements for the product(s) and is based on our present day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. The information contained in this document does not constitute a hazard assessment, and should not be used in place of the user's own assessment of workplace risks as required by health and Safety legislation.