

SAFETY DATA SHEET

INDURA - CELLULOSE MATT

Page: 1

Compilation date: 24/07/2009

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**INDURA - CELLULOSE MATT
NTC10**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Company name:**

Alpha Coatings

Second Avenue

Chatham

ME4 5AU

Tel: 01634 823900

Email: sales@alphacoatings.co.uk

1.4. Emergency telephone number

Tel: +44(0) 1634 823900 (08.00 / 17.00)

UK: NPIS National Poisons Information Centre Tel: +44 0344 892 0111

IRL: Beaumont Hospital - National Poisons Information Centre: Tel: +353 1 8092566

Section 2: Hazards identification**2.1. Classification of the substance or mixture****Classification under CHIP:** F: R11; Xn: R20/21; Xi: R36/38; Xn: R48/20; Xn: R63; Xn: R65**Most important adverse effects:** Highly flammable. Harmful by inhalation and in contact with skin. 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. Harmful: may cause lung damage if swallowed.**2.2. Label elements****Label elements under CHIP:****Hazard symbols:** Highly flammable.

Harmful.

**Risk phrases:** R11: Highly flammable.

[cont...]

SAFETY DATA SHEET
INDURA- CELLULOSE MATT

Page: 2

R20/21: Harmful by inhalation and in contact with skin.

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.

R65: Harmful: may cause lung damage if swallowed.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

S25: Avoid contact with eyes.

S29: Do not empty into drains.

S23: Do not breathe vapour/spray.

S43: In case of fire, use co2, never use water.

S7/9: Keep container tightly closed and in a well-ventilated place.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ETHYL ACETATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
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	10-30%

TOLUENE

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	10-30%
-----------	----------	---	--	--------

XYLENE

215-535-7	1330-20-7	-: R10; Xn: R20/21; Xi: R38	Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Skin Irrit. 2: H315	10-30%
-----------	-----------	-----------------------------	---	--------

ISOBUTYL ACETATE

203-745-1	110-19-0	F: R11; -: R66 Substance with a Community workplace exposure limit.	Flam. Liq. 2: H225; -: EUH066	10-30%
-----------	----------	--	-------------------------------	--------

[cont...]

SAFETY DATA SHEET
INDURA- CELLULOSE MATT

Page: 3

N-BUTYL ACETATE

204-658-1	123-86-4	-: R10; -: R66; -: R67 Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336; -: EUH066	1-10%
-----------	----------	--	---	-------

PROPAN-2-OL

200-661-7	67-63-0	F: R11; Xi: R36; -: R67	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
-----------	---------	-------------------------	--	-------

ETHYLBENZENE

202-849-4	100-41-4	F: R11; Xn: R20	Flam. Liq. 2: H225; Acute Tox. 4: H332	1-10%
-----------	----------	-----------------	--	-------

BUTAN-1-OL

200-751-6	71-36-3	-: R10; Xn: R22; Xi: R37/38; Xi: R41; -: R67	Flam. Liq. 3: H226; Acute Tox. 4: H302; STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318; STOT SE 3: H336	1-10%
-----------	---------	--	---	-------

2-BUTOXYETHANOL

203-905-0	111-76-2	Xn: R20/21/22; Xi: R36/38	Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Eye Irrit. 2: H319; Skin Irrit. 2: H315	1-10%
-----------	----------	---------------------------	---	-------

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

265-199-0	64742-95-6	Xn: R65; -: R10; Xi: R37; N: R51/53	Asp. Tox. 1: H304; Flam. Liq. 3: H226; STOT SE 3: H335; Aquatic Chronic 2: H411	<1%
-----------	------------	-------------------------------------	--	-----

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes.

Ingestion: Wash out mouth with water.

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

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

[cont...]

SAFETY DATA SHEET
INDURA- CELLULOSE MATT

Page: 4

5.2. Special hazards arising from the substance or mixture

Exposure hazards: 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.

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. Turn leaking containers leak-side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

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.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. The floor of the storage room must be impermeable to prevent the escape of liquids.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ETHYL ACETATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	200 ppm	400 ppm	-	-

[cont...]

SAFETY DATA SHEET

INDURA- CELLULOSE MATT

Page: 5

TOLUENE

UK	191 mg/m3	384 mg/m3	-	-
----	-----------	-----------	---	---

XYLENE

UK	220 mg/m3	441 mg/m3	-	-
----	-----------	-----------	---	---

ISOBUTYL ACETATE

UK	724 mg/m3	903 mg/m3	-	-
----	-----------	-----------	---	---

N-BUTYL ACETATE

UK	724 mg/m3	966 mg/m3	-	-
----	-----------	-----------	---	---

PROPAN-2-OL

UK	999 mg/m3	1250 mg/m3	-	-
----	-----------	------------	---	---

ETHYLBENZENE

UK	441 mg/m3	552 mg/m3	-	-
----	-----------	-----------	---	---

BUTAN-1-OL

UK	-	154 mg/m3	-	-
----	---	-----------	---	---

2-BUTOXYETHANOL

UK	25 ppm	50 ppm	-	-
----	--------	--------	---	---

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory protection: Respiratory protection not required.

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Odour: Characteristic odour

Solubility in water: Insoluble

Boiling point/range°C: 79-80

Autoflammability°C: 400

Flash point°C: 1

Relative density: 0.980 @ 20

9.2. Other information

Other information: No data available.

[cont...]

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ETHYL ACETATE

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

TOLUENE

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

XYLENE

ORL	MUS	LD50	2119	mg/kg
ORL	RAT	LD50	4300	mg/kg
SCU	RAT	LD50	1700	mg/kg

ISOBUTYL ACETATE

ORL	RAT	LD50	13400	mg/kg
ORL	RBT	LD50	4763	mg/kg
SKN	RBT	LD50	>17400	mg/kg

SAFETY DATA SHEET
INDURA- CELLULOSE MATT

Page: 7

N-BUTYL ACETATE

ORL	MUS	LD50	6	gm/kg
ORL	RAT	LD50	10768	mg/kg

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

ETHYLBENZENE

IPR	MUS	LD50	2624	µl/kg
ORL	RAT	LD50	3500	mg/kg

BUTAN-1-OL

IVN	RAT	LD50	310	mg/kg
ORL	MUS	LD50	2680	mg/kg
ORL	RAT	LD50	790	mg/kg

2-BUTOXYETHANOL

IVN	RAT	LD50	307	mg/kg
ORL	MUS	LD50	1230	mg/kg
ORL	RAT	LD50	470	mg/kg

LOW BOILING POINT NAPHTHA - UNSPECIFIED - SOLVENT NAPHTHA (PETROLEUM), LIGHT AROM.

ORL	RAT	LD50	8400	mg/kg
-----	-----	------	------	-------

Relevant effects for mixture:

Effect	Route	Basis
Acute toxicity (harmful)	INH DRM	Hazardous: calculated
Irritation	OPT DRM	Hazardous: calculated
Repeated dose toxicity	INH	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

[cont...]

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Bioaccumulation potential.

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 substance.

12.6. Other adverse effects

Other adverse effects: Toxic to aquatic organisms. Toxic to soil organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

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 or paint related materials

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

SAFETY DATA SHEET
INDURA- CELLULOSE MATT

Page: 9

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

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.

H226: Flammable liquid and vapour.

H302: Harmful if swallowed.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H318: Causes serious eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H361d: 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>.

H411: Toxic to aquatic life with long lasting effects.

R10: Flammable.

R11: Highly flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R20/21: Harmful by inhalation and in contact with skin.

R20: Harmful by inhalation.

R22: Harmful if swallowed.

R36/38: Irritating to eyes and skin.

R36: Irritating to eyes.

R37/38: Irritating to respiratory system and skin.

R37: Irritating to respiratory system.

[cont...]

SAFETY DATA SHEET
INDURA- CELLULOSE MATT

Page: 10

R38: Irritating to skin.

R41: Risk of serious damage to eyes.

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

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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.