

Jawel Paints (West Midlands) Ltd

SAFETY DATA SHEET

SYNTHETIC THINNERS

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Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: SYNTHETIC THINNERS

REACH registered number(s): 01-2119488216-32

CAS number: 1330-20-7

EINECS number: 215-535-7

Index number: 601-022-00-9

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

Use of substance / mixture: Manufacture of substance. Chemical Intermediate. Formulation & (re)packing of substances and mixtures. Use in cleaning agents. use of release agents and binders.
Uses in coatings.

1.3. Details of the supplier of the safety data sheet

Company name: Jawel Paints (West Midlands) Ltd

Units 313-317

Heath Street

Smethwick

Birmingham

B66 2QY

Tel: 0121 558 6191

Email: sales@jawel.co.uk

1.4. Emergency telephone number

Emergency tel: 0121 558 6191 (Office Hours Only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Liq. 3: H226; STOT RE 2: H373; Asp. Tox. 1: H304; Acute Tox. 4: H312; Acute Tox. 4: H332; Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335

Most important adverse effects: Flammable liquid and vapour. Harmful in contact with skin. Harmful if inhaled. Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May be fatal if swallowed and enters airways. May cause damage to organs through prolonged or repeated exposure.

[cont...]

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2.2. Label elements

Label elements:

Hazard statements: H226: Flammable liquid and vapour.
H312: Harmful in contact with skin.
H332: Harmful if inhaled.
H315: Causes skin irritation.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H304: May be fatal if swallowed and enters airways.
H373: May cause damage to organs through prolonged or repeated exposure.

Signal words: Danger

Hazard pictograms: GHS07: Exclamation mark
GHS02: Flame
GHS08: Health hazard



Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P261: Avoid breathing vapours.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P301+310: IF SWALLOWED: Immediately call a POISON CENTER/doctor/.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P332+313: If skin irritation occurs: Get medical advice/attention.

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.

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: SYNTHETIC THINNERS

CAS number: 1330-20-7

EINECS number: 215-535-7

REACH registered number(s): 01-2119488216-32

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.

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

Eye contact: Remove any contact lenses and open eyes wide apart. Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Get medical attention if any discomfort continues

Ingestion: Do not induce vomiting. Wash out mouth with water. Get medical attention immediately.

Inhalation: Remove from exposure, rest and keep warm. In severe cases, or if recovery is not rapid or complete, seek medical advice.

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

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

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: Inhalation of vapours in high concentration may cause irritation of respiratory system. Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting.

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

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

Immediate / special treatment: Not applicable.

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. In combustion emits toxic fumes. Forms explosive air-vapour mixture. The vapour is heavier than air and spreads along the ground. There is a danger of flashback if sparks or hot surfaces ignite vapour.

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. 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.

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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. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a 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: Original container stored in a dry and cool place.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	220 mg/m ³	441 mg/m ³	-	-

DNEL/PNEC Values

SYNTHETIC THINNERS

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	442 mg/m ³	Workers	Local
DNEL	Inhalation	180 mg/kg/day	Workers	Systemic
DNEL	Dermal	3182 mg/kg/day	Workers	Systemic

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PNEC	Fresh water	0.327 mg/l	-	-
PNEC	Fresh water sediments	12.46 mg/kg	-	-
PNEC	Marine sediments	12.46 mg/kg	-	-
PNEC	Soil (agricultural)	2.31 mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure lighting and electrical equipment are not a source of ignition. Provide adequate ventilation, including appropriate local extraction. In case of insufficient ventilation, where exposure to high concentrations of vapour is possible, suitable respiratory protective equipment with positive air supply should be used.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency.

Hand protection: Impermeable gloves, change regularly to avoid permeation problems. Ensure gloves are manufactured/tested in accordance with BS EN 374.

Eye protection: Safety goggles. Ensure eye bath is to hand.

Skin protection: Wear appropriate clothing to prevent any possibility of skin contact.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Hydrocarbon

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Insoluble

Also soluble in: Most organic solvents.

Viscosity: Non-viscous

Boiling point/range°C: 136-143

Melting point/range°C: <-80

Flammability limits %: lower: 1.0

upper: 7.0

Flash point°C: 23 - 55

Part.coeff. n-octanol/water: 3.2 log Pow

Autoflammability°C: >432

Vapour pressure: 7.0 mm Hg

Relative density: 0.860

pH: No data available.

VOC g/l: No data available.

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.

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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.
Decomposition may occur on exposure to conditions or materials listed below.

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.

10.6. Hazardous decomposition products

Haz. decomp. products: Toxic gases/vapours/fumes of, Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrocarbons.

Section 11: Toxicological information

11.1. Information on toxicological effects

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM	Hazardous: calculated
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated
STOT-repeated exposure	-	Hazardous: calculated
Aspiration hazard	-	Hazardous: calculated

Symptoms / routes of exposure

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

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: Inhalation of vapours in high concentration may cause irritation of respiratory system. Symptoms of over exposure may be headache, dizziness, tiredness, nausea and vomiting.

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

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No 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/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.

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: UN1307

14.2. UN proper shipping name

Shipping name: XYLENES

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

[cont...]

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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 s.3: H226: Flammable liquid and vapour.

H304: May be fatal if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

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>.

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.