SAFETY DATA SHEET

CS50 2K Slow Thinner

SECTION 1: IDENTIFICATION OF PRODUCT AND COMPANY

1.1 Product Identifier

Product name: CS50 2K Slow Thinner
Product Code: FL2022

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

Intended use: For professional use ONLY

1.3 Details of supplier of the safety data sheet

Details of company: FLP Group
Unit 1 Clayfields Industrial Estate
Tickhill Road
Doncaster
DN4 8QG
+44 (0) 1302 571571
sales@flpgroup.co.uk

1.4 Emergency telephone number

Emergency Tel: +44 (0) 1302 571571

SECTION 2: HAZARD IDENTIFICATION

2.1 Classification of the substance or mixture

Classification under CLP: Skin Irrit. 2: H315; STOT SE 3: H336; Acute Tox. 4: H312+332; Flam. Liq. 3: H226

Most important adverse effects: Flammable. Harmful by inhalation and in contact with skin. Irritating to skin. Repeated exposure may cause skin dryness or cracking.

2.2 Label elements

Hazard statements:
H226: Flammable liquid and vapour.
H312+332: Harmful in contact with skin or if inhaled.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.

Signal words: Warning

Hazard pictograms:
GHS02: Flame
GHS07: Exclamation mark

Precautionary statements:
P233: Keep container tightly closed
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing.
Rinse skin with water/shower.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P260: Do not breathe dust/fumes/gas/mist/vapours/spray.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

2.3 Other hazards

Other hazards: In use, may form flammable / explosive vapour-air mixture.
PBT: This substance is not identified as a PBT substance.

SECTION 3: COMPOSITON/INFORMATION ON INGREDIENTS

3.2 Mixtures

Hazardous ingredients:

EINECS	CAS	CHIP Classification	CLP Classification	Percent
XYLENE - REACH registered number(s): 01-2119488216-32				
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	50-70%
N-BUTYL ACETATE - REACH registered number(s): 01-2119485493-29				
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	10-30%
1-METHOXY-2-PROPANOL				
203-539-1	107-98-2	R10; R67 Substance with a Community workplace exposure limit.	Flam. Liq. 3: H226; STOT SE 3: H336	1-10%

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: Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues
Ingestion: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. 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.
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.
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.

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 REALESE 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.

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 & 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 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 AND PERSONAL PROTECTION

8.1 Control parameters

Hazardous ingredients:

Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
XYLENE				
UK	220 mg/m3	441 mg/m3	-	-

N-BUTYL ACETATE				
UK	724	966	-	-
1-METHOXY-2-PROPANOL				
UK	UK 375 mg/m3	560 mg/m3	-	-

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.

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 glasses. Safety goggles. Ensure eye bath is to hand.

Skin protection: Impermeable protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Characteristic odour

Evaporation rate: Slow

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Boiling point/range: 119-140°C

Flammability limits %:

Lower: 1.7

Upper: 11.5

Flash point: 23-55°C

Auto flammability: >270°C

Relative density: 0.892

9.2 Other information

Other information: Not applicable

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 Possibilities 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

Hazardous decomposition products: In combustion emits toxic fumes

SECTION 11: TOXICAL INFORMATION

11.1 Information on toxicological effects

Relevant effect for mixture:

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

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: There may be irritation of the throat with a feeling of tightness in the chest.
Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity

Eco toxicity values: Not applicable

12.2 Persistence and degradability

Persistence and degradability: Biodegradable

12.3 Bio accumulative potential

Bio accumulative 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 substance is not identified as a PBT substance

12.6 Other adverse effects

Other adverse effects: Negligible Eco toxicity

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: TRANSPORTATION INFORMATION

14.1 UN number

UN number: UN1263

14.2 UN proper shipping name

Shipping name: PAINT RELATED MATERIAL

14.3 Transport hazard class

Transport class:	3

14.4 Packaging 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

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:	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. H226: Flammable liquid and vapour. H312: Harmful in contact with skin. H312+332: Harmful in contact with skin or if inhaled. H315: Causes skin irritation. H332: Harmful if inhaled. H336: May cause drowsiness or dizziness. R10: Flammable. R20/21: Harmful by inhalation and in contact with skin. R38: Irritating to skin. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.
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