

MCBS Limited

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name or designation of the mixture HF Heatset

Registration number Mixture

Synonyms None.

Product code 69200B

Issue date 19-April-2019

Version number 01

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

Identified uses Lithographic inks and varnishes for industrial application

Uses advised against This product should only be used for the use described above. No other uses are advised.

1.3. Details of the supplier of the safety data sheet

UK

Company name MCBS Limited

Address 174 London Road
Hazel Grove
Stockport
UK

Telephone +44(0)7855 034 821

Fax +44(0)7855 034 821

e-mail mike.cheyne3@gmail.com

mike.cheyne3@gmail.com

1.4 Emergency Telephone +44(0)7855 034821 (08:30 - 17:00)

Number

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification applies.

Classification according to Regulation (EC) No 1272/2008 as amended

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

Hazard summary Avoid contact with the skin. Repeated exposure may cause skin dryness or cracking.

2.2. Label elements

Label according to Regulation (EC) No. 1272/2008 as amended

Hazard pictograms None.

Signal word None.

Hazard statements The mixture does not meet the criteria for

classification. Precautionary statements

Prevention Observe good industrial hygiene

practices. Response Wash hands after handling.

Storage Store away from incompatible materials.

Disposal Dispose of waste and residues in accordance with local authority

requirements. Supplemental label information EUH066 - Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

General information

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	INDEX No.	Notes
Hydrocarbons, C14-C18, n-alkanes, isoalkanes, cyclics, <2% aromatics	28 - 38	N/A 927-632-8	01-2119457736-27-xxxx	-	
Classification:	Asp. Tox. 1;H304				

List of abbreviations and symbols that may be used above

#: This substance has been assigned Community workplace exposure limit(s). PBT: persistent, bioaccumulative and toxic substance.
vPvB: very persistent and very bioaccumulative substance. M: M-factor

Composition comments The full text for all H-statements is displayed in section 16.

SECTION 4: First aid measures

General information IF exposed or concerned: Get medical advice/attention. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.
Wash contaminated clothing before reuse.

4.1. Description of first aid measures

Inhalation Move the person from the contaminated area to fresh air
Call a physician if symptoms develop or persist.
Under normal conditions of intended use, this material is not expected to be an inhalation hazard.

Skin contact Take off immediately all contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if irritation develops and persists. Do not use solvents to remove product residues from skin.

Eye contact Immediately flush with plenty of water for at least 15 minutes. If easy to do, remove contact lenses. Get medical attention if irritation persists after washing.

Ingestion Rinse mouth thoroughly. Do not induce vomiting.
If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. If ingestion of a large amount does occur, call a poison control centre immediately.

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

May cause allergic skin reaction. Defatting of the skin. Irritant effects.

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

Keep victim under observation.

SECTION 5: Firefighting measures

General fire hazards Combustible. No unusual fire or explosion hazards noted.

5.1. Extinguishing media

Suitable extinguishing media Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2). Dry chemical, foam, carbon dioxide.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

No unusual fire or explosion hazards noted. By heating and fire, harmful vapours/gases may be formed.
Fire will produce dense black smoke containing hazardous combustion products (see section

5.3. Advice for firefighters

Special protective equipment for firefighters 10). Wear self-contained breathing apparatus and protective clothing.

Special fire fighting procedures In case of fire and/or explosion do not breathe fumes.
Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Specific methods

Move container from fire area if it can be done without risk. Use water spray to cool unopened containers.
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	Keep unnecessary personnel away. For personal protection, see section 8. Ventilate closed spaces before entering them.
For emergency responders	Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

6.2. Environmental precautions Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so.
Avoid discharge into drains, water courses or onto the

6.3. Methods and material for containment and cleaning up ground. Clean with detergents. Avoid solvents.
Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Following product recovery, flush area with water Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.

Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.

Never return spills to original containers for re-use.

6.4. Reference to other sections For personal protection, see section 8. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling Avoid prolonged and repeated contact.
When using, do not eat, drink or smoke. Use only in well-ventilated areas. Wash thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities Store this product in air-tight containers away from sources of heat and light.
Store in original tightly closed container. Keep containers tightly closed in a cool, well-ventilated place.
Store away from incompatible materials (see Section 10 of the SDS). Keep away from oxidising agents, strong acids and alkalies.

7.3. Specific end use(s) The specified uses for this material are shown in section 1 of this document

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits	No exposure limits noted for ingredient(s).
Biological limit values	No biological exposure limits noted for the
Recommended monitoring procedures	ingredient(s). Follow standard monitoring procedures.

Derived no-effect level (DNEL)	Not available.
Predicted no effect concentrations (PNECs)	Not available.

8.2. Exposure controls

Appropriate engineering controls Provide adequate general and local exhaust ventilation.

Individual protection measures, such as personal protective equipment

General information	Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Eye wash fountain is recommended. Keep working clothes separately. Launder contaminated clothing before reuse.
---------------------	--

Eye/face protection	Wear safety glasses with side shields (or goggles). (EN166)
---------------------	---

Skin protection	
-----------------	--

- Hand protection	Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Chemical resistant gloves made of butyl rubber or nitrile rubber category III according to EN 374. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves.
-------------------	--

- Other	Normal work clothing (long sleeved shirts and long pants) is recommended. In case of insufficient ventilation, wear suitable respiratory equipment.
Respiratory protection	
Thermal hazards	Not available.
Hygiene measures	When using, do not eat, drink or smoke.
Avoid	

Environmental exposure controls
Avoid release to the environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid
Physical state	Liquid.
Form	Viscous.
Colour	Various.
Odour	Hydrocarbon-like
Odour threshold	Not available.
pH	Not applicable
Melting point/freezing point	Not applicable
Initial boiling point and boiling range	> 200 °C (> 392 °F)
Flash point	> 155.0 °C (> 311.0 °F)
Evaporation rate	Not applicable
Flammability (solid, gas)	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower	Not applicable
Flammability limit - upper	Not applicable
Vapour pressure	> 0.01 kPa @ 20C
Vapour density	Not applicable
Relative density	Not available.
Solubility(ies)	
Solubility (water)	Insoluble
Solubility (other)	Not available.
Auto-ignition temperature	> 200 °C (> 392 °F)
Decomposition temperature	Not available.
Viscosity	40 - 120 cP @ 40C
Explosive properties	Not explosive.
Oxidising properties	Not oxidising.

9.2. Other information No relevant additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity	Material is stable under normal conditions.
10.2. Chemical stability	Material is stable under normal conditions.
10.3. Possibility of hazardous reactions	Hazardous polymerisation does not occur.
10.4. Conditions to avoid	Avoid temperatures exceeding the flash point. Contact with incompatible materials. Contaminated rags and cloths must be put in fireproof containers for disposal.
10.5. Incompatible materials	
10.6. Hazardous decomposition products	Avoid contact with oxidising agents (e.g. nitric acid, peroxides and chromates). Avoid contact with acids and alkalis. Thermal decomposition can lead to release of irritating gases and vapours : carbon oxides, NOx

SECTION 11: Toxicological information

General information	There is no CLP toxicological data available on the preparation itself. Incomplete toxicological data are available for this product. May cause sensitisation by skin contact.
Information on likely routes of exposure	
Inhalation	Prolonged inhalation may be harmful.
Skin contact	Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Eye contact	Direct contact with eyes may cause temporary irritation.
Ingestion	May cause discomfort if swallowed. However, ingestion is not likely to be a primary route of occupational exposure.
Symptoms	Defatting of the skin. Possible irritant effects. Skin contact may provoke the following symptoms: Sensitisation
11.1. Information on toxicological effects	
Acute toxicity	No data available.
Skin corrosion/irritation	Due to partial or complete lack of data the classification is not possible.
Serious eye damage/eye irritation	Due to partial or complete lack of data the classification is not possible. This product may cause slight irritation to the eyes.
Respiratory sensitisation	Due to partial or complete lack of data the classification is not possible.
Skin sensitisation	Due to partial or complete lack of data the classification is not possible. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.
Germ cell mutagenicity	Due to partial or complete lack of data the classification is not possible.
Carcinogenicity	Due to partial or complete lack of data the classification is not possible.
Reproductive toxicity	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity - single exposure	Due to partial or complete lack of data the classification is not possible.
Specific target organ toxicity - repeated exposure	Due to partial or complete lack of data the classification is not possible.
Aspiration hazard	Based on available data, the classification criteria are not met. Due to the viscosity, this product does not present an aspiration hazard.
Mixture versus substance information	No information available.
Other information	This product has no known adverse effect on human health.

SECTION 12: Ecological information

12.1. Toxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
12.2. Persistence and degradability	No data is available on the degradability of this product.
12.3. Bioaccumulative potential	No data available.
Partition coefficient n-octanol/water (log Kow)	Not available.
Bioconcentration factor (BCF)	Not available.
12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	Not available.
12.6. Other adverse effects	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal Do not discharge into drains, water courses or onto the ground. No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Residual waste	Material should be recycled if possible. Avoid discharge into water courses or onto the ground. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Dispose of in accordance with local regulations.
Contaminated packaging	Where possible recycling is preferred to disposal or incineration. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not discharge into drains, water courses or onto the ground.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

Not regulated as dangerous goods.

RID

Not regulated as dangerous goods.

ADN

Not regulated as dangerous goods.

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not established.

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended
Not listed.

Regulation (EC) No. 850/2004 on persistent organic pollutants, Annex
I Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended
Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended
Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended
Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended
Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry
Not listed.

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by
ECHA Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended
Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use
Not regulated.

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use as amended

Not listed.

Directive 2004/37/EC: on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not listed.

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work

Not regulated.

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breastfeeding.

Not regulated.

Other EU regulations

Directive 2012/18/EU on major accident hazards involving dangerous substances

Not listed.

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Always applicable.

Directive 94/33/EC on the protection of young people at work

Not listed.

Other regulations

This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006, as amended.

The product is classified and labelled in accordance with EC directives or respective national laws.

National regulations

Follow national regulation for work with chemical agents.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances	Yes
(AICS) Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of New and Existing Chemicals	Yes
(EINECS) Europe	European List of Notified Chemical Substances	No
(ELINCS) Japan	Inventory of Existing and New Chemical	Yes
Substances (ENCS) Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

SECTION 16: Other information

List of abbreviations

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any H-statements not written out in full under Sections 2 to 15

H304 May be fatal if swallowed and enters airways.

Revision information

None.

Training information

Read safety instructions, SDS and emergency procedures before handling. Follow training instructions when handling this material.

Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available.

MANUFACTURER DISCLAIMER: The information given within this SDS is correct to the best of our knowledge, information and belief at the date of its revision and publication. However, the manufacturer makes no representation, warranty or guarantee as to its accuracy, reliability or completeness, nor assumes any liability for its use. It is the user's responsibility to confirm in advance that the information is current, applicable and suitable to their circumstances for each particular use. No representative of ours has authority to waive this provision. Please call for document accuracy if the revision date has exceeded 3 years.

Other information

The product is formulated in accordance with the Exclusion List for Printing Inks and Related Products.