

Revision 1

SAFETY DATA SHEET

“MCOR FLEX” GLOSS MEDIUM & VARNISH

According to Regulation (EU) No 453/2010

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name MCOR FLEX GLOSS MEDIUM & VARNISH
 Product No. C1431

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

Identified uses Medium for Acrylic Painting & coating paper models

1.3. Details of the supplier of the safety data sheet

Supplier Mcor Technologies Ltd
 Unit 1, IDA Business Park
 Ardee Road, Dunleer,
 Co Louth, Ireland
 Info@mcortechnologies.com

1.4. Emergency telephone number

+353 41 68 62800 This telephone number is available during office hours only

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Not classified.

2.2. Label elements

Risk Phrases		
	NC	Not classified.
Safety Phrases		
	NC	Not classified.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

POTASSIUM HYDROXIDE	< 1%
CAS-No.: 1310-58-3	EC No.: 215-181-3
Classification (EC 1272/2008)	Classification (67/548/EEC)
Acute Tox. 4 - H302	C;R35
Skin Corr. 1A - H314	Xn;R22

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

Any hazardous ingredients are below classification limit.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS! Rinse mouth thoroughly. Drink plenty of water. Get medical attention if any discomfort continues.

Skin contact

Remove affected person from source of contamination. Get medical attention if irritation persists after washing.

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Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

Inhalation.

No specific symptoms noted.

Ingestion

No specific symptoms noted.

Skin contact

No specific symptoms noted.

Eye contact

May cause temporary eye irritation.

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

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Store at moderate temperatures in dry, well ventilated area.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
POTASSIUM HYDROXIDE	OES				2 mg/m3	

8.2. Exposure controls

Engineering measures

No particular ventilation requirements.

Hand protection

No specific hand protection noted.

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Eye protection

If risk of splashing, wear safety goggles or face shield.

Other Protection

No specific protective equipment noted, but may be required anyway.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	White.
Odour	Characteristic.
Solubility	Miscible with water
Initial boiling point and boiling range	> 100 760 mm Hg
Relative density	1.1 20
Vapour density (air=1)	> 1
pH-Value, Conc. Solution	9-10

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid frost.

10.5. Incompatible materials10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO₂).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effectsAcute toxicity:

Acute Toxicity (Oral LD₅₀)

Not determined.

Acute Toxicity (Dermal LD₅₀)

Not determined.

Acute Toxicity (Inhalation LC₅₀)

Not determined.

General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

Ingestion

May cause discomfort if swallowed.

Skin contact

Slightly irritating.

Eye contact

Irritating to eyes.

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Health Warnings

No specific health warnings noted.

Route of entry

Skin and/or eye contact.

Medical Symptoms

Irritation of eyes and mucous membranes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Not regarded as dangerous for the environment.

12.1. Toxicity

Acute Toxicity - Fish

Not determined.

Acute Toxicity - Aquatic Invertebrates

Not determined.

Acute Toxicity - Aquatic Plants

Not determined.

Acute Toxicity - Microorganisms

Not determined.

12.2. Persistence and degradability

Degradability

The degradability of the product has not been stated.

12.3. Bioaccumulative potential

Bioaccumulation factor

Not determined.

12.4. Mobility in soil

Adsorption/Desorption Coefficient

Not determined.

12.5. Results of PBT and vPvB assessment12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not relevant

14.2. UN proper shipping name

Not relevant

14.3. Transport hazard class(es)

Not relevant

14.4. Packing group

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Not relevant

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not relevant

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date	14/11/2014
Revision	1
Date	14/11/2014
Risk Phrases In Full	
NC	Not classified.
R22	Harmful if swallowed.
R35	Causes severe burns.
Hazard Statements In Full	
H314	Causes severe skin burns and eye damage.
H302	Harmful if swallowed.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in a process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.