

SAFETY DATA SHEET

MEGA FIX IT PW, 1 TUBE, ML, PM

According to EC Regulation 1907/2006/EC - revision 2015/830

Revision No. 3.1

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

1.1. Product identifier

Product Name MEGA FIX IT PW, 1 TUBE, ML, PM
Product Code 11004342M1 (CLP)

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

Recommended use

Repairing compound.

1.3. Details of the supplier of the safety data sheet

NCH UK & Ireland, NCH House, Springvale Avenue, Bilston, WV14 0QL Tel (UK): 01902 510200, Tel (Ireland): 042 939 5502
E-mail address technical_uk@nch.com
Website address www.ncheurope.com

1.4. Emergency telephone number

01902 510331 (available during Office Hours)

SECTION 2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP/GHS) and its adaptations

This mixture is not classified according to EU Regulation No 1272/2008
EUH205 - Contains epoxy constituents. May produce an allergic reaction.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP/GHS)

Contains 2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL May produce an allergic reaction

EU classification for GHS template

EUH205 - Contains epoxy constituents. May produce an allergic reaction.

For industrial and institutional use only.

Keep out of reach of children.

2.3. Other hazards

No additional hazards identified.

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

SECTION 3. COMPOSITION / INFORMATION OF INGREDIENTS

3.2 Mixture

Component	CAS-No.	EC No.	EU - REACH reg number	Weight percent	EU - GHS/CLP Classification	Notes
HYDRATED MAGNESIUM SILICATE (TALC)	14807-96-6	238-877-9	-	25 - < 50	-	
BARIUM SULPHATE	7727-43-7	231-784-4 444-260-7	01-2119491274-35	10 - < 20	-	
2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL	90-72-2	202-013-9	01-2119560597-27	< 1	Acute Tox. 4 (H302) Skin Irrit. 2 (H315) Eye Irrit. 2 (H319)	

For any H statements mentioned in this section, see the full text in section 16.

SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

General advice

Do not get in eyes, on skin or on clothing. Get medical attention immediately if symptoms occur.

Eye Contact

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

Skin Contact

Wash affected areas with plenty of soap and water for several minutes. Seek medical attention if irritation develops.

Ingestion

Rinse mouth. If conscious, drink plenty of water. Do NOT induce vomiting. If swallowed, seek medical advice immediately and show this container or label.

Inhalation

Move to fresh air. If symptoms persist, call a physician.

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

Sensitisation

May cause sensitisation of susceptible persons.

Eye contact

May cause irritation as itching and redness.

Skin contact

Unlikely to be irritant on brief or occasional exposure.

Ingestion

May cause gastrointestinal irritation seen as nausea, vomiting and diarrhoea.

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

Notes to physician

May cause sensitisation of susceptible persons. Treat symptomatically.

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use: Water spray. Foam. Carbon dioxide (CO₂). Dry chemical.

5.2. Special hazards arising from the substance or mixture

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide. Sulphur oxides. Halogenated compounds. Alkali metal oxides. Material can create slippery conditions. Avoid release to the environment.

5.3. Advice for firefighters

Firefighters should wear a self-contained breathing apparatus and full protective gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Avoid contact with skin, eyes, and clothing. Use personal protective equipment. Refer to protective measures listed in sections 7 and 8. Prevent further leakage or spillage if safe to do so. Material can create slippery conditions.

6.2. Environmental precautions

Avoid release of neat product into surface water and sanitary sewage system.

6.3. Methods and material for containment and cleaning up

Methods for Containment

Contain spillage, soak up with non-combustable absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).

Methods for Cleaning up

Clean preferably with a detergent, do not use solvents.

6.4. Reference to other sections

Refer to sections 7, 8 and 13.

SECTION 7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin, eyes and clothing. Do not eat, drink or smoke when using this product. Ensure adequate ventilation. Anyone with a history of skin sensitization to any of the substances in this product, should refrain from handling.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep at temperature not exceeding 35°C. Store in original container. Incompatible with strong bases and oxidising agents.

7.3. Specific end use(s)

No information available.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Exposure limits

For substances. If vapours, fumes or mists are generated, their concentration in the workplace area should be kept to the lowest reasonable level.

Component	European Union	The United Kingdom	France	Germany	Austria
HYDRATED MAGNESIUM SILICATE (TALC)		STEL: 3 mg/m ³ TWA: 1 mg/m ³			TWA: 2 mg/m ³
BARIUM SULPHATE		STEL: 30 mg/m ³ STEL: 12 mg/m ³ TWA: 10 mg/m ³ TWA: 4 mg/m ³		Peak: 4mg/m ³ TWA: 4mg/m ³ TWA: 1.5mg/m ³ TWA: 0.5mg/m ³	

Component	Spain	Portugal	Italy	The Netherlands	Switzerland
HYDRATED MAGNESIUM SILICATE (TALC)	TWA: 2 mg/m ³	TWA: 2 mg/m ³		TWA: 0.25 mg/m ³	TWA: 2 mg/m ³
BARIUM SULPHATE	TWA: 10 mg/m ³	TWA: 10 mg/m ³			

Component	Denmark	Finland	Norway	Sweden	Czech
HYDRATED MAGNESIUM SILICATE (TALC)	TWA: 0.3 fiber/cm3	TWA: 0.5 fiber/cm3 STEL: 2 ppm STEL: 1 ppm	TWA: 6 mg/m ³ TWA: 2 mg/m ³	2 mg/m ³ total dust 1 mg/m ³ respirable dust	PEL: 2.0mg/m ³
BARIUM SULPHATE			TWA: 0.5 mg/m ³		

Component	Poland	Ireland
HYDRATED MAGNESIUM SILICATE (TALC)	NDS: 4.0 mg/m ³ NDS: 1.0 mg/m ³	TWA: 10 mg/m ³ TWA: 0.8 mg/m ³ STEL: 30 mg/m ³ STEL: 2.4 mg/m ³
BARIUM SULPHATE		TWA: 2 mg/m ³ STEL: 6 mg/m ³

8.2. Exposure controls

Control parametres

Provide an eyewash station. Provide washing facilities. Anyone with a history of skin sensitization to any of the substances in this product, should refrain from handling.

Engineering Measures

Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment

Use personal protection equipment as per Directive 89/686/EEC.

Respiratory Protection

Not required under normal use. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

Hand Protection

In the event of prolonged or repeated contact with the hands, use appropriate gloves. Type of gloves suggested :. Neoprene gloves (0.4 mm). Conforming to EN 374. For break through times, refer to glove manufacturers recommendations.

Eye Protection

Safety glasses if the method of use presents the likelihood of eye contact. Approved to EN 166.

General hygiene considerations

Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practise. Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Information below relates to typical values and does not constitute a specification.

Appearance	Off-white	Specific Gravity	> 1
Physical State	Paste	Solubility	Insoluble in water
Odour	Sulfurous	Autoignition Temperature	Not applicable.
pH	Not applicable.	Viscosity	Paste
Melting Point/Range	No information available.	Explosive properties	No information available
Boiling Point/Range	No information available.	Oxidizing Properties	No information available.
Flash Point	Not relevant	VOC Content (%)	0 %
Evaporation Rate	No information available.		
Flammability Limits in Air %	Not applicable.		
Vapour Pressure	No information available.		
Vapor Density	No information available.		

9.2. Other information

No other information available

SECTION 10. STABILITY AND REACTIVITY**10.1. Reactivity**

Not considered as highly reactive. See further information below.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

The mixture itself will not dangerously react or polymerise to create hazardous conditions in normal use.

10.4. Conditions to avoid

Extremes of temperature and direct sunlight.

10.5. Incompatible materials

Strong oxidising agents.

10.6. Hazardous decomposition products

None under normal storage conditions and use.

When exposed to high temperatures, the preparation may release dangerous decomposition products such as carbon monoxide and dioxide, smoke and/or nitrogen oxide. Sulphur oxides. Halogenated compounds. Alkali metal oxides.

SECTION 11. TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**Product Information

The product itself has not been tested.

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
2,4,6-TRIS(DIMETHYLAMINOMETHYL) PHENOL	= 1000 mg/kg (Rat)	= 1280 mg/kg (Rat)	

Sensitisation

May cause sensitisation of susceptible persons.

Skin contact

Unlikely to be irritant on brief or occasional exposure.

Ingestion

May cause gastrointestinal irritation seen as nausea, vomiting and diarrhoea.

Eye contact

May cause irritation as itching and redness.

Carcinogenicity

There are no known carcinogenic substances in this product.

Mutagenic Effects

There are no known mutagenic substances in this product.

Reproductive Effects

There are no known substances in this product with effects on reproduction.

SECTION 12. ECOLOGICAL INFORMATION**12.1. Toxicity**Product Information

The product itself has not been tested.

Ecotoxicity effects

Contains substance(s) known to be hazardous to the aquatic environment.

Component	Toxicity to Fish	Water Flea	Toxicity to Algae
HYDRATED MAGNESIUM SILICATE (TALC)	LC50 > 100 g/L Brachydanio rerio 96 h		

12.2. Persistence and degradability

Ecotoxicological properties are substance specific, i.e. bioaccumulation, persistence and degradability. The information is given, where available and appropriate, for substance(s) of the mixture.

12.3. Bioaccumulative potential

There is no test data on any of the components of this mixture. Not likely to bioaccumulate.

12.4. Mobility in soil

The product is insoluble and sinks in water.

12.5. Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB. As defined under the regulation EC 1907/2006.

12.6. Other adverse effects

No data available.

SECTION 13. DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**Waste from Residues / Unused Products

Dispose of in accordance with local regulations.

Contaminated Packaging

Empty containers should be taken for local recycling, recovery or waste disposal. Empty remaining contents. Recycle according to official regulations.

EWC waste disposal No

The following EWC/ AVV waste codes may be applicable:

08 04 10 Waste adhesives and sealants containing organic solvents or other dangerous substances other than those mentioned in 08 04 09 15 02 02* Absorbents, filter materials, wiping cloths, protective clothing contaminated by dangerous substances

Other Information

According to the European Waste Catalogue, Waste Codes are not product specific, but application specific

SECTION 14. TRANSPORT INFORMATION**14.1, 14.2, 14.3, 14.4.**

Not classified for transport as dangerous goods

14.5. Environmental hazards

The mixture is not environmentally hazardous for transport

14.6. Special precautions for user

No special precautions.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Packaged product, not typically transported in IBC's.

Additional information

The above information is based on latest transport regulations i.e. ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport.

SECTION 15. REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

This mixture was classified in compliance with EC Regulation 1272/2008 (CLP) and its adaptations.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for this mixture by the supplier

SECTION 16. OTHER INFORMATION**Text of H statements mentioned in Section 3**

H302 - Harmful if swallowed. H315 - Causes skin irritation. H319 - Causes serious eye irritation.

Prepared By Austen Pimm

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Revision summary

CLP update. SDS sections updated 2 15 3 16

Abbreviations

REACH: Registration Evaluation Authorisation Restriction of Chemicals

EU: European Union

EC: European community

EEC: European Economic Community

UN: United Nations

CAS: Chemical Abstracts Service

PBT: Persistent Bioaccumulative Toxic

vPvB: very Persistent very Bioaccumulative

LC50: Lethal concentration, 50 percent

LD50 : Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

LogPow: LogP octanol/water

VwVwS: Verwaltungsvorschrift wassergefährdende Stoffe (Administrative order relating to substances hazardous to water - Germany)

WGK: Wassergefährdungskategorie (Water Hazard Class - Germany).

AVV: Abfallverzeichnis-Verordnung (Waste Code - Germany)

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European agreement governing the international carriage of dangerous goods by road)

IMDG: International Maritime Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organisation

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations concerning the International carriage of Dangerous goods by rail)

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods

ERG: Emergency Response Guidebook

IUCLID / RTECS International Uniform Chemical Information Database / Registry of Toxic Effects of Chemical Substances

GHS: Globally Harmonised System of classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

VOC: Volatile Organic Chemical

w/w: weight for weight

DMSO: Dimethyl sulphoxide

OECD: Organization for Economic Cooperation and Development

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

Further Information

Component test results displayed in sections 11 and 12 are typically supplied by Chemadvisor and assembled from publicly available literature sources e.g. IUCLID / RTECS

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations

Disclaimer

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

End of Safety Data Sheet