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**HARDENER**

## 1. Identification of substance

### Product details

Product name:

Craft Resin™

Products use:

Potting, arts and crafts, coating, casting

Product form:

Mixture

Manufacturer/Supplier:

Craft Resin Limited

The Terrace, Grantham Street, Lincoln LN2 1BD UK

Tel &amp; Emergency Tel: +44 1522255591

Email: hello@craft-resin.com

Relevant identified uses of substance or mixture and uses advised against:

Intended for general public

Main use category: Consumer use, professional use

Use of the substance / mixture: Fixing agents

Uses advised against: no additional information available

## 2. Hazards identification

Classification of the substance or mixture

Classification according to

Regulation (EC) No 1272/2008

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H332 Harmful if inhaled.

### Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP] Hazard pictograms (CLP)



Signal word

**Warning**

## 3. Composition /information on ingredients

CAS#	COMPONENT	%by wt.
<i>Modified Amine Adduct</i>	<i>CAS: #Mixture</i>	96%
<i>Benzyl alcohol</i>	<i>CAS: 100-51-6 EINECS: 202-859-9</i>	3%
<i>ethyl 4-[[[(methylphenylamino) methylene]amino]benzoate</i>	<i>CAS: 57834-33-0 EINECS: 260-976-0</i>	1%

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## 4. Description of first aid measures

After inhalation:	Supply fresh air and to be sure call for a doctor. In case of unconsciousness place patient stably inside position for transportation.
After skin contact:	Immediately wash with water and soap and rinse thoroughly.
After eye contact:	Rinse opened eye for several minutes under running water.
After swallowing:	If symptoms persist consult doctor.
Most important symptoms and effects, both acute and delayed:	No further relevant information available.
Indication of any immediate medical attention and special treatment needed:	No further relevant information available.

## 5. Firefighting measures

Suitable extinguishing agents:	CO <sub>2</sub> , powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
Special hazards arising from the substance or mixture:	No further relevant information available.
Advice for firefighters protective equipment:	No special measures required.

## 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:	Not required.
Environmental precautions:	Do not allow to enter sewers/ surface or ground water.
Methods and material for containment and cleaning up:	Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).



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## 7. Handling and storage

Precautions for safe handling:

Ingredients with limit values that require monitoring at the workplace:

100-51-6 Benzyl alcohol (3,0%)  
MAK vgl. Abschn. IIb

Exposure controls:

Appropriate engineering controls:

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Information about fire - and explosion protection:

No special measures required.

Conditions for safe storage, including any incompatibilities  
Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

None.

Specific end use(s):

No further relevant information available.

Conditions for safe storage, including any incompatibilities  
Requirements to be met by storerooms and receptacles:

No special requirements.

Information about storage in one common storage facility:

Not required.

Further information about storage conditions:

None.

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## 8. Exposure controls and personal protection

### 8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:  
100-51-6 Benzyl alcohol (3,0%)

MAK (Germany) vgl.Abschn.IIb

DNELs:

Not available.

PNECs:

Not available.

Additional information:

The lists valid during the making were used as basis.

### 8.2 Exposure controls

Based on the composition shown in Section 3, the following measures are suggested for occupational safety measure.

Appropriate engineering controls:

Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
See Section 7 for information about design of technical facilities.

### Personal protective equipment

Respiratory protection:

Not required.



Protection of hands:

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

Penetration time of glove material:

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection:

Goggles recommended during refilling.

Environmental exposure controls:

Control measures must be made in accordance with Community environmental protection legislation.

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## 9. Physical and chemical properties

Appearance Form:	Liquid
Colour:	Transparent
Odour:	Slight amine smell
Odour threshold:	Not available
pH-value:	Not available

### Change in condition

Melting point/Melting range:	Not available
Boiling point/Boiling range:	Not available
Freezing point:	Not available
Flash point:	93 Celsius
Flammability (solid, gaseous):	Not available
Auto-Ignition temperature:	Not available
Decomposition temperature:	Not available
Self-igniting:	Product is not self-igniting
Explosive properties:	Product does not present an explosion hazard.

### Explosion limits

Lower:	Not available
Upper:	Not available
Oxidizing properties:	Not available
Vapour pressure:	Not available
Density:	1.03
Relative density:	Not available
Vapour density:	Not available
Evaporation rate:	Not available

## 10. Stability and reactivity

Reactivity:	Data not available.
Chemical stability:	Data not available.
Possibility of hazardous reactions:	No dangerous reactions known.
Conditions to avoid:	No further relevant information available.
Incompatible materials:	No further relevant information available.
Hazardous decomposition products:	No dangerous decomposition products known.

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## 11. Toxicological information

Information on toxicological effects  
Acute toxicity:

Based on available data, the classification criteria is not met.  
LD/LC50 values relevant for classification:  
100-51-6 Benzyl alcohol  
Oral LD50 1230 mg/kg (rat)

Skin corrosion/irritation:

Based on available data, the classification criteria is not met.

Serious eye damage/irritation:

Based on available data, the classification criteria is not met.

Respiratory or skin sensitization:

May cause an allergic skin reaction.

Germ cell mutagenicity

Based on available data, the classification criteria is not met.

Carcinogenicity

Based on available data, the classification criteria is not met.

Reproductive toxicity

Based on available data, the classification criteria is not met.

STOT-single exposure

Based on available data, the classification criteria is not met.

STOT-repeated exposure

Based on available data, the classification criteria is not met.

Aspiration hazard

Based on available data, the classification criteria is not met.

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## 12. Ecological information

Aquatic toxicity:	No further relevant information available.
Persistence and degradability	No further relevant information available.
Bio accumulative potential:	No further relevant information available.
Mobility in soil:	No further relevant information available.
Results of PBT and vPvB assessment	
PBT:	Not applicable.
vPvB:	Not applicable.
Other adverse effects	No further relevant information available.
Additional ecological information:	Water hazard class 1 (German Regulation) (Self-assessment): hazardous for water. Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13. Disposal consideration

Waste treatment methods recommendation:	Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Uncleaned packaging recommendation:	Disposal must be made according to official regulations.



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## 14. Transport information

14.1 UN-Number adr,rld,adn, imdg,LAta	Not applicable
14.2 UN proper shipping name ADR,RID,ADn, IMDG,IATa	Not applicable
14.3 Transport hazard class(es) ADR,RID,ADN, IMDG,IATA Class Label	Not applicable
14.4 Packing group ADR,RID,ADN, IMDG,IATA	Not applicable
14.5 Environmental hazards Marine pollutant:	No
14.6 Special precautions for user: Danger code (Kemler):	Not applicable
14.7 Transport in bulk according to Annex I of MARPOL73/78 and the IBC Code:	Not applicable
14.8 Transport/Additional information:	Not dangerous according to the above specifications.
UN "Model Regulation":	Void

## 15. Regulations

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

#### MAK(German Maximum Workplace Concentration)

None of the ingredients is listed.

#### Directive 2012/18/EU

Named dangerous substances ANNEXI None of the ingredients is listed.

Seveso category:

Not applicable

Qualifying quantity (tonnes) for the application of lower-tier requirements:

Not applicable

Qualifying quantity(tonnes) for the application of upper-tier requirements :

Not applicable

National regulations:

Water hazard class: Water hazard class 1 (Self-assessment): hazardous for water.

SVHC Candidate List of REACH Regulation Annex XIV Authorisation (20/6/2016)

None of the ingredients is listed.

REACH Regulation Annex XVII Restriction (24/6/2016) See Section 16 for information about

None of the ingredients is listed.

REACH Regulation Annex XIV Authorisation List(14/8/2014)

None of the ingredients is listed.

5.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.





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## 16. Other information

Relevant hazard statements

H302 Harmful if swallowed  
H315 Cause skin irritation  
H317 May cause an allergic skin reaction  
H332 Harmful if inhaled

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