

Material Safety Data Sheet

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Date Revised: 30.05.17

Product: **MULTICURE AC90**

1. Substance/preparation and company identification

MULTICURE AC 90

Use: Product for construction chemicals

2. Hazard Identification

HAZARDOUS SUBSTANCE, NON-DANGEROUS GOOD

Irritating to respiratory system and skin.

May cause sensitization by skin contact.

Keep out of reach of children.

Avoid contact with skin.

Wear suitable gloves.

If swallowed, seek medical advice immediately and show this container or label.

Use only in well ventilated areas.

3. Composition/information on ingredients

Chemical nature

Contains: organic compounds

Hazardous ingredients

Acrylic Polymer Emulsion

Content (W/W) 20-40%
CAS Number: Proprietary

Hydrocarbon resin

Content (W/W): $\geq 0.1\%$ - $< 10\%$
CAS Number: 68131-77-1
Hazard Symbol(s): T, N
R-phrase(s): 10, 23, 34, 50

Ammonia Solution (3% Active)

Content (W/W) .1% - .5%
CAS Number:1336-21-6

Other ingredients determined not to be hazardous including water.

Due to composition or concentration, all other ingredients exempted from HN and MRC Standard for Uniform Scheduling of Drugs and Poisons and TLV-Worksafe Australia.

The wording of the hazard symbols and R-phrases is specified in chapter 16 if dangerous ingredients are mentioned.

4. First-Aid Measures

General advice:

First aid personnel should pay attention to their own safety. Remove contaminated clothing.

If inhaled:

If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.

On skin contact:

After contact with skin, wash immediately with plenty of water and soap. Under no circumstances should organic soap be used. If irritation develops, seek medical attention.

On contact with eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

On ingestion:

Rinse mouth immediately and then drink plenty of water, seek medical attention. Do not induce vomiting unless told to by a poison control centre or doctor.

Note to physician:

Symptoms: The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11.

Treatment: Treat according to symptoms (decontamination, vital functions). No known specific antidote.

5. Fire-Fighting Measures

Suitable extinguishing media:
Foam, water spray, dry powder, carbon dioxide.

Unsuitable extinguishing media for safety reasons:
Water jet

Specific Hazards:
See MSDS Section 7 - Handling and Storage

Special protective equipment:
Wear a self-contained breathing apparatus.

Further information:
The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental Release Measures

Personal precautions:
Use personal protective clothing. Do not breathe vapour/aerosol/spray mists. Handle in accordance with good building materials hygiene and safety practice.

Environmental precautions:
Contain contaminated water/fire fighting water. Do not discharge into drains/surface waters/groundwater.

Methods for cleaning up or taking up:
For small amounts: Pick up with inert absorbent material (e.g. sand, earth etc.). Dispose of contaminated material as prescribed.
For large amounts: Pump off product.

7. Handling and Storage

Handling

Avoid aerosol formation. Avoid inhalation of mists/vapours. Avoid skin contact. No special measures necessary provided product is used correctly.

Protection against fire and explosion:
The product does not contribute to the spreading of flames, nor is it self combustible, not explosive. Take precautionary measures against static discharges.

Storage

Suitable materials for containers. High density polyethylene (HDPE)
Further information on storage conditions: Keep only in original container in a cool well-ventilated place. Protect from direct sunlight. Store protected against freezing.

8. Exposure Controls and Personal Protection

Components with workplace control parameters

ammonia, 7664-41-7;

TWA value 17 mg/m³ ; 25 ppm (OEL (AU))

STEL value 24 mg/m³ ; 35 ppm (OEL (AU))

Personal protective equipment

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Combination filter for gases/vapours of organic, inorganic, acid inorganic and alkaline compounds (e.g. EN 14387 Type ABEK).

Hand protection:

Suitable chemical resistant safety gloves (EN 374) also with prolonged, direct contact (Recommended: Protective index 6, corresponding > 480 minutes of permeation time according to EN 374): e.g. nitrile rubber (0.4mm), chloroprene rubber (0.5mm), butyl rubber (0.7mm) and other. Manufacturer's directions for use should be observed because of great diversity of types.

Eye protection:

Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Body protection:

Body protection must be chosen depending on activity and possible exposure, e.g. apron, protecting boots, chemical-protection suits (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

General safety and hygiene measures:

Avoid contact with the skin, eyes and clothing. In order to prevent contamination while handling, closed working clothes and working gloves should be used. Handle in accordance with good building materials hygiene and safety practice. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks)

9. Physical and Chemical Properties

Form:	liquid
Colour:	milky white
Odour:	see user defined text
pH value:	>8
Boiling point:	110°C
Flash point:	not applicable
Explosion Hazard:	not explosive
Fire promoting properties:	unknown
Vapour pressure:	not applicable
Density:	0.99 g/cm ³
Bulk density:	not applicable
Solids content:	39-41%

Other information:

If necessary, information on other physical and chemical parameters is indicated in this section.

10. Stability and Reactivity

Conditions to avoid:

See MSDS Section 7 - Handling and Storage

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

Substances to avoid:

strong acids, strong bases, strong oxidising agents.

Hazardous reactions:

The product is stable if stored and handled as prescribed/indicated.

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological Information

Acute Toxicity

Assessment of acute toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Irritation

Assessment of irritating effects:

Skin contact causes irritation. The product has not been tested. The statement has been derived from the properties of the individual components.

Assessment other acute effects

Assessment other acute effects:

Causes temporary irritation of the respiratory tract.

Remarks: The product has not been tested. The statement has been derived from the properties of the individual components.

Sensitization

Assessment of sensitization:

Sensitization after skin contact possible. The product has not been tested. The statement has been derived from the properties of the individual components.

Repeated dose toxicity

Assessment of repeated dose toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Carcinogenicity Genetic toxicity

Assessment of mutagenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Assessment of carcinogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Reproductive toxicity

Assessment of reproduction toxicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Development toxicity

Assessment of teratogenicity:

The product has not been tested. The statement has been derived from the properties of the individual components.

Other relevant toxicity information

The product has not been tested. The statement has been derived from the properties of the individual components.

12. Ecological Information

Ecotoxicity

Assessment of aquatic toxicity:

Acutely harmful for aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

Mobility

Assessment transport between environmental compartments:

The product has not been tested. The statement has been derived from the properties of the individual components.

Persistence and Degradability

Assessment biodegradation and elimination (H₂O):

The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulation Potential

Assessment bioaccumulation potential:

The product has not been tested. The statement has been derived from the properties of the individual components.

13. Disposal Considerations

Observe national and local legal regulations

Residues should be disposed of in the same manner as the substance/product.

Contaminated packaging:

Contaminated packaging should be emptied as far as possible; then it can be passed on for recycling after thoroughly cleaned.

14. Transport Information

Domestic transport: Not classified as a dangerous good under transport regulations

Sea transport: Not classified as a dangerous good under transport regulations
IMDG

Air transport: Not classified as a dangerous good under transport regulations
IATA/ICAO

15. Regulatory Information

Poisons Schedule: Not scheduled

Regulations of the European Union (Labelling)

Directive 199/45/EC-20 ('Preparation Directive'):

Hazard symbol(s)

Xi Irritant

R-phrases)

R37/38 Irritating to respiratory system and skin.
R43 May cause sensitization by skin contact.

S-phrases)

S2 Keep out of reach of children.
S24 Avoid contact with skin.
S37 Wear suitable gloves.
S46 If swallowed, seek medical advice immediately and show this container or label.

Other regulations

If other regulations information applied that is not already provided elsewhere in the Material Safety Data Sheet then it is described in this subsection.

Registration status:

AICS, AU released/relisted

16. Other information

Full text of hazard symbols and R-phrases if mentioned as hazardous components in chapter 3:

F	Highly flammable
Xi	Irritant
T	Toxic
N	Dangerous for the environment
11	Highly flammable
37/38	Irritating to respiratory system and skin
43	May cause sensitization by skin contact
10	Flammable
23	Toxic by inhalation
34	Causes burns
50	Very toxic to aquatic organisms

The data contained in this Material Safety Data Sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. The data do not describe the product's properties (product specification). Neither should any agreed property nor the suitability of the product for any specific purpose be deduced from the data contained in the Material Safety Data Sheet. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.