

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

**1.1 Product identifier:** ARC ACRYLIC DPM

**1.2 Relevant identified uses of the substance or mixture:**

No further relevant information available.

**Application of the substance / the mixture** Coating

**1.3 Details of the supplier of the safety data sheet:**

Arc Building Products  
IDA Business & Technology Park,  
Ballynattin, Arklow, Co. Wicklow, Ireland.  
[www.arcbuildingproducts.ie](http://www.arcbuildingproducts.ie)

Fax: +353 (0)402 24168

Tel: +353 (0)402 41200

Tel: +353 (0)402 32370

**1.4 Emergency telephone number:**

## SECTION 2: HAZARDS IDENTIFICATION

### 2.1. Classification of the substance or mixture

• **Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

**Classification according to Directive 67/548/EEC or Directive 1999/45/EC Not applicable.**

• **Information concerning particular hazards for human and environment:**

The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

• **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 2.2. Label elements

• **Labelling according to Regulation (EC) No 1272/2008** Void

• **Hazard pictograms** Void

• **Signal word** Void

• **Hazard statements** Void

### 2.3. Other Hazards

• **Results of PBT and vPvB assessment**

• **PBT:** Not applicable.

• **vPvB:** Not applicable.

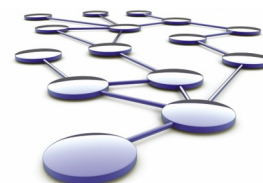
## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

• **Description:** Mixture of substances listed below with non-hazardous additions.

• **Dangerous components:** Void

• **Additional information:** For the wording of the listed risk phrases refer to section 16.



## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.

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

- No further relevant information available.
- **Information for doctor:** No further relevant information available.
  - **Hazards** No further relevant information available.

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

No further relevant information available.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1. Extinguishing media

**Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.

### 5.2. Special hazards arising from the substance or mixture

Formation of toxic gases is possible during heating or in case of fire.

### 5.3 Advice for firefighters

- **Protective equipment:** Wear self-contained respiratory protective device.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter the sewage system.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing.  
Ensure adequate ventilation

### 6.2. Environmental precautions

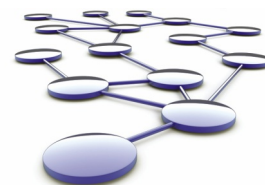
Do not allow to enter sewers/ surface or ground water.  
Inform respective authorities in case of seepage into water course or sewage system.

### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.

### 6.4. Reference to other sections

No dangerous substances are released.  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.



## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Avoid contact with the eyes and skin.  
The usual precautionary measures are to be adhered to when handling chemicals.

### 7.2. Conditions for safe storage, including any incompatibilities

- **Storage:**
- **Requirements to be met by storerooms and receptacles:**  
Store only in unopened original receptacles.
- **Information about storage in one common storage facility:** Protect from heat and direct sunlight.
- **Further information about storage conditions:**  
Protect from frost.  
Store in cool, dry conditions in well sealed receptacles.  
Storage temperature: +5 °C to +25 °C

### 7.3. Specific end use(s)

No further relevant information available.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.

### 8.2. Exposure controls

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Avoid contact with the eyes and skin.  
Immediately remove all soiled and contaminated clothing  
Do not eat or drink while working.
- **Respiratory protection:** Use only in well-ventilated areas.
- **Protection of hands:**



**Protective gloves**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves**

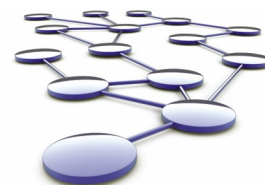
Nitrile rubber, NBR  
PVC or PE gloves

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:** Safety glasses
- **Body protection:** Protective work clothing



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

#### General Information

##### Appearance:

**Form:** Liquid.  
**Colour:** Dark Grey.  
**Odour:** Mild.

**pH-value at 20 °C:** 9.0 - 10.0  
**Boiling point/Boiling range:** > 100 °C  
**Flash point:** Not applicable.

**Danger of explosion:** Product does not present an explosion hazard.

**Density at 20 °C:** 1.01 g/cm<sup>3</sup>

**Solubility in / Miscibility with water:** Fully miscible.

##### Viscosity:

**Dynamic at 20 °C:** 50 - 250 mPas

##### - Solvent content:

**Organic solvents:** 0.0 %  
**VOC (EC)** < 1 g/l

### 9.2. Other information

No further relevant information available.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

**Reactivity:** Stable

### 10.2. Chemical stability

• **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known.

### 10.4. Conditions to avoid

Protect from frost.

### 10.5. Incompatible materials

No further relevant information available.

### 10.6. Hazardous decomposition products

No dangerous decomposition products known.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

#### • Acute toxicity:

#### • Primary irritant effect:

• **on the skin:** Slight irritation possible

• **on the eye:** Slight irritation possible.

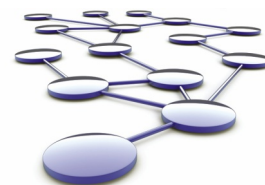
• **Sensitization:** No sensitizing effects known.

#### • Additional toxicological information:

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

The product may affect the acidity (pH) of water which may have hazardous effects on aquatic organisms.

#### 12.1. Toxicity

- **Aquatic toxicity:** No further relevant information available.

#### 12.2. Persistence and degradability

Not easily biodegradable

#### 12.3. Bioaccumulative potential

Not worth-mentioning accumulating in organisms

#### 12.4 Mobility in soil

- **Additional ecological information:**

- **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

#### 12.5 Results of PBT and vPvB assessment

- PBT: Not applicable.
- vPvB: Not applicable.

#### 12.6 Other adverse effects

No further relevant information available.

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1. Waste treatment methods

- **Recommendation**

Disposal must be made according to official regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

#### • European waste catalogue

08 04 16	aqueous liquid waste containing adhesives or sealants other than those mentioned in 08 04 15
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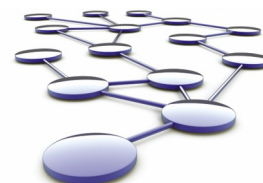
- **Uncleaned packaging:**

- **Recommendation:**

Disposal must be made according to official regulations.

Packagings that may not be cleansed are to be disposed of in the same manner as the product.

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning..



## SECTION 14: TRANSPORT INFORMATION

14.1. UN number

**ADR, ADN, IMDG, IATA** - Void

14.2 UN proper shipping name

**ADR, ADN, IMDG, IATA** - Void

14.3 Transport hazard class(es)

· **ADR, ADN, IMDG, IATA**  
· **Class** - Void

14.4 Packing group

**ADR, IMDG, IATA** - Void

14.5 Environmental hazards:

**Marine pollutant:** - No

14.6 Special precautions for user

Not applicable.

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

Not applicable.

**UN "Model Regulation":**

## SECTION 15: REGULATORY INFORMATION

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

Directive 1999/45/EC.

"CLP" Regulation (EC) No 1272/2008 (OJ L 353, 31.12.2008, p.1).

"CHIP" SI 2009 No.716.

"REACH" Regulation (EC) No 1907/2006 (OJ L 396, 30.12.2006, p.1, with subsequent amendments).

### National regulations:

Additional classification according to Decree on Hazardous Materials, Annex II:

No further relevant information available.

**Information about limitation of use:** No further relevant information available.

- Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57 Not applicable.

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

## SECTION 16: OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

- \* Data compared to the previous version altered.

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 any 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.