

# Material Safety Datasheet

## Touch-up Paint

Ref: M003RW

### 1. Identification of the substrate/preparation and of the company/undertaking

1.1 Identification/Trade name: Touch-up Paint (for polyester powder coated gutter and downpipe systems)

1.2 **Manufacturer/Supplier:**

Alumasc Water Management Solutions  
Station Road, Burton Latimer, Kettering, Northamptonshire, NN15 5JP, United Kingdom  
Tel: +44 (0)1744 648400 Fax: +44 (0)1744 648401 E-mail: info@alumascwms.co.uk

1.3 **Telephone number in case of emergency:**  
+44 (0)1744 648400

### 2. Hazards identification

Hazard designation: F+ Xn: Highly Flammable, Harmful

Information pertaining to particular dangers for man and environment:

- R 20/38 Harmful by inhalation and in contact with skin.

### 3. Composition and information about the Components

Cellulose based paint containing Isobutyl alcohol, Ethylbenzene, Toluene and Xylene.

CAS No.	Substance Name	Hazard Designation	Risk Phrases	Percentage
78-83-1	Isobutyl alcohol	Xn	R 20	2.5-10%
100-41-4	Ethylbenzene	Xn	R 20	2.5-10%
108-88-3	Toluene	Xn	R 20	2.5-10%
1330-20-7	Xylene (mixture of isomers)	Xn	R 20/21, R 38	10-25%

### 4. First-aid measures

Exposure Route	Symptom	Treatment
Inhalation	Irritation of respiratory tract	Remove to fresh air, keep patient warm & at rest. If breathing becomes irregular or stops administer artificial resuscitation, if unconscious, place in recovery position. Seek medical advice.
Eye contact	Irritation & smarting	Irrigate copiously with clean fresh water, holding the eyelids apart. If irritation persists seek medical attention.
Skin contact	Irritation	Remove contaminated clothing & wash skin thoroughly with soap & water.
Ingestion	Irritation	If swallowed seek immediate medical attention. Do not induce vomiting.

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### 5. Fire-fighting measures

**Not to be used:** Water jet

**Recommendations:** Fire will produce usual combustion products (black smoke, oxides of carbon, oxides of nitrogen, cyanides, etc.) Exposure to these combustion products is a health hazard and should be avoided. Fire fighters should wear self-contained breathing apparatus (SCBA).

Water mist can be used to cool closed containers and prevent pressure build up or auto-ignition.

Do not allow water run-off from fire fighting to enter drains or watercourses.

### 6. Accidental release measures

Exclude sources of ignition and ventilate area. Use appropriate personal protective equipment (PPE) - see section 7.

Contain and collect spillage using non-combustible absorbent materials e.g. sand or perlite and place in a suitable container for disposal in accordance with local regulations.

Clean with detergents rather than solvents.

Do not allow spillage to enter drains & watercourses - if the product contaminates lakes, rivers or sewers, inform the water authority or Environment Agency as per local regulations.

### 7. Handling and storage

#### 7.1 Handling

Smoking, eating & drinking should be prohibited during handling.

Keep container tightly closed. Any containers, which are open, should be carefully resealed.

Due regard should be paid to the risks outlined in the Manual Handling Operations Regulations 1992, appropriate PPE should be used (see section 7).

Recommended - Keep materials in original container; avoid natural & synthetic rubber, copper & alloys and plastic materials.

Handle and open containers carefully to avoid spillage. Never pressurise the container. Clean or discard contaminated clothing and footwear.

Preparation may charge electrostatically risking fire or explosion; always use earthing leads when transferring between containers. Operators should wear antistatic footwear and clothing, floors should be electrically bonded.

Vapours are heavier than air. Keep well ventilated (below occupational exposure limits) to avoid the formation of explosive vapour/ air mixtures.

Eliminate sources of ignition and ensure electrical equipment is protected to the appropriate standard.

Use non-sparking tools.

Wear appropriate PPE (see Section 7).

#### 7.2 Storage

Observe label precautions. Store between 0 - 30 °C in a dry, clean and well-ventilated place, away from direct sunlight or other ignition sources.

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### 8. Exposure controls/personal protection

#### 8.1 Engineering Measures

Avoid the inhalation of vapour, spray mist and particulates by the use of local exhaust ventilation and good general extraction to keep concentrations below the set exposure limits.

#### 8.2 Exposure Limits

	CAS Number	% w/w	LTEL (mgm <sup>-3</sup> )	STEL (mgm <sup>-3</sup> )
Isobutyl alcohol	78-83-1	2.5-10	150	225 S
Ethylbenzene	100-41-4	2.5-10	435	545
Toluene	108-88-3	2.5-10	188	560 S
Xylene (mixture of isomers)	1330-20-7	10-25	435	650 S

LTEL: Long Term Exposure Limit, 8-hour time weighted average

STEL: Short Term Exposure Limit, 10-minute time weighted average

S: Can be absorbed through skin

#### 8.3 Personal Protective Equipment

**Respiratory Protection:** Wear appropriate respiratory protective equipment to the approved standard with an organic vapour filter. If the exposure limit is exceeded then breathing apparatus may be required.

**Hand/ Skin Protection:** Use chemical resistant gloves. Barrier creams can also be used to help protect exposed areas of skin, however they should not be applied once exposure has occurred. Overalls should be worn to prevent skin contact. If overalls become contaminated they should be removed along with contaminated clothing and laundered before reuse.

**Eye Protection:** Goggles and face protection should be worn to prevent eye contact.

### 9. Physical and chemical properties

Appearance	Opaque coloured liquid
Odour	Strong sweet organic smell
Physical state at 20 °C:	Liquid
Flash Point:	Less than 21 °C (Method - ISO 3679)
Specific Gravity at 20 °C:	1.1 (Method - ISO 2811)
Vapour density:	> air
Lower explosion limit (vol. %):	0.8
Miscibility in water at 20 °C:	Not miscible
pH:	N/A
% Volatility by weight:	54
% Volatility by volume:	69
Vapour pressure at 20 °C:	13mm Hg

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### 10. Stability and reactivity

Stable under recommended storage and handling conditions (see section 6). In case of combustion, may produce hazardous decomposition products such as oxides of carbon, oxides of nitrogen and cyanides.

### 11. Toxicological information

There is no data available on the preparation itself.

Exposure to component solvent vapours at concentrations in excess of the stated Occupational Exposure Limits may result in adverse health effects such as mucous membrane & respiratory system irritation and adverse effects on kidney, liver and central nervous system. Symptoms and signs include headaches, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases loss of consciousness.

Repeated or prolonged contact with the preparation may cause de-fatting of the dermal layer (skin), resulting in non-allergic dermatitis and absorption through the skin.

### 12. Ecological information

There is no data available on the preparation itself.

The product must not be allowed to enter drains or watercourses.

### 13. Disposal considerations

The liquid product is classified as special waste and must be disposed of by an approved waste disposal contractor.

Empty containers should be left to dry and can then be recycled or disposed of through a licensed waste disposal facility.

Disposal of the product should be in accordance with any local or national regulations.

### 14. Transport information

ADR/RID	
Hazard Class:	3
Packaging Group:	II
UN Number:	1263
ADR Number:	5 (b)
ADR Hazard:	33
Label:	3

OACI	
Hazard Class:	3
Packaging Group:	II
UN Number:	1263
IATA Passenger:	305 5L
IATA Cargo:	307 60L
Label:	FLAMMABLE LIQUID

IMDG	
Hazard Class:	3.1
Packaging Group:	II
UN Number:	1263
IMDG Page:	3139
Label:	FLAMMABLE LIQUID

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### 15. Regulatory information

#### 15.1 Classification & Labelling

**Classification: F+, Xn - Highly Flammable, Harmful**  
Contains: Xylene (Mixture of Isomers)

#### 15.2 Risk/ Safety Phrases

##### Risk Phrases

- R 20/21 Harmful by inhalation and in contact with skin
- R33 Danger of cumulative effects
- R 38 Irritating to skin
- R 40 Possible risks of irreversible effects
- R 61 May cause harm to the unborn child

##### Safety Phrases

- S 16 Keep away from sources of ignition - No smoking
- S 23 Do not breathe vapour/ spray
- S 36/37/39 Wear suitable protective clothing, gloves and eye/face protection
- S 38 In case of insufficient ventilation, wear suitable respiratory equipment
- S 45 In case of accident or if you feel unwell seek medical advice immediately (show the label where possible)
- S 53 Avoid exposure - Obtain special instructions before use

### 16. Other information

Health & Safety at Work, etc. Act 1974.

Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.

Control of Substances Hazardous to Health (COSHH) Regulations 2002.

HSE Guidance Note EH40 (Occupational Exposure Limits).

Manual Handling Operations Regulations 1992.

St John/Red Cross or any other Authorised Manual on First Aid.

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