



## **TECHNICAL DATA SHEET**

**PRODUCT: POLYVINE Acrylic Enamel**

### **PRODUCT DESCRIPTION**

An ultra hard, high quality, acrylic, sandable coating with a gloss finish. This coating dries to a coloured film with extremely good sanding properties allowing a very high quality of finish to be obtained. Acrylic Enamel is specially formulated to bond to a wide range of surfaces. Wood, metal, laminate and glass.

### **SURFACE PREPARATION**

Ensure the surface to be coated is clean and free from grease, wax or polish

### **APPLICATION**

Apply 2-3 coats.  
Dilute 10% with water to prime porous surfaces.  
By good quality synthetic brush, recommended, or by airbrush.  
Low-pressure spray.  
Rollers are not recommended, stippling may occur. Stir well.  
If cissing occurs, rub onto affected area with a damp cloth to break the surface tension and re-apply.

### **CAUTION**

Test finish for adhesion.  
Do not apply over uncured oils.

### **COVERAGE**

Approx. 10-20 sq. m per litre. 108-215 sq. ft per US qt.

### **CLEAN UP**

Any equipment used can be cleaned using soap and water before the coating dries. Wipe any excess off surfaces with a damp cloth. Any dried deposits will need a paint stripper to remove them.

## HEALTH AND SAFETY

In case of: skin contact –wash off with soap and water before the clear coat dries. For people with delicate skin it is advisable to wear gloves.

Eye contact – rinse with clean water for 15 minutes, seek medical attention if irritation persists.

Inhalation - Acrylic Enamel does not give off harmful vapours, however it is better to work in well ventilated areas. If there is irritation or an allergic reaction remove the victim to fresh air, and if irritation persists seek medical attention.

Ingestion - Give victim a drink of water and seek medical attention.

## FILM PROPERTIES

DRY FILM: Gloss.

DRYING TIME: 1 to 2 Hours @ 20°C / 70°F

Low temperature/high humidity increases drying time.

CURE TIME: Up to 5 days @ 20°C / 70°F

RECOAT TIME: Up to 2 Hours @ 20°C / 70°F

HARDNESS: Highly Durable

NON YELLOWING

NO FIRE HAZARD Before or during use, or in the cured state.

RESISTANT TO: Water and abrasion.

## PACKAGING

20ml, 50ml, 100ml.

## STORAGE

Store in unopened containers in a cool dry place away from direct sunlight.

The information supplied herein is accurate to the best of our knowledge. Since conditions and methods are beyond our control, no warranty is expressed or implied. You are advised to access the suitability of the product on a test area before application

Further information may be obtained from:

**POLYVINE LIMITED**

Severn Distribution Park  
Sharpness, Berkeley,  
Gloucestershire.  
GL13 9UQ  
United Kingdom

Telephone No.	0845 017 1671
International	+44 845 017 1671
Fax:	0845 017 1672
Email	info@polyvine.co.uk

Date of issue: October 2008

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

### PRODUCT

### Acrylic Enamel

**COMPANY:** Polyvine Limited, Severn Distribution Park, Sharpness, Berkeley, Glos. GL13 9UQ UK  
Emergency Telephone 0845 017 1671 International +44 845 017 1671

## 2. COMPOSITION

Water based dispersion of methacrylic esters, pigments and surfactants with no hazard classification

Chemical characterisation: Acrylic

CAS N o: Names: Conc.:

## 3. HAZARDS IDENTIFICATION

On available data this product has no hazard classification according to 88/379/EEC.

## 4. FIRST AID MEASURES

**GENERAL:** Immediately remove all contaminated clothing. In all cases of doubt, or when symptoms persist, seek proper medical attention. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air, keep patient warm and at rest if breathing is irregular or stopped, administer artificial respiration. Giving nothing by mouth. If unconscious place in recovery position and seek medical advice.

**EYE CONTACT:** Holding eyelids apart, flush copiously with clean, fresh water for at least 10 minutes and seek medical advice.

**SKIN CONTACT:** Remove contaminated clothing. Wash skin thoroughly with soap and water or use recognised skin cleaner.

**DO NOT use solvents or thinners.**

**INGESTION:** If accidentally swallowed obtain medical attention. Keep at rest. DO NOT induce vomiting.

## 5. FIRE-FIGHTING MEASURES

Aqueous dispersions will not burn. Dried films are combustible and may emit noxious fumes. Water, foam, carbon dioxide or dry powder extinguishers are all suitable. Wear breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

Spillage should not be washed into any drain. Spillage should be soaked up with an inert absorbent (e.g. sand) for disposal.

## 7. HANDLING AND STORAGE

### HANDLING

This product should be handled in accordance with good safety and hygiene practices. Small levels of volatile organic compounds may accumulate in the headspace of containers, which should be opened in ventilated surroundings.

**STORAGE** Sealed containers should be stored between 5 C and 40C. Bulk tanks should be externally vented.

## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

### EXPOSURE CONTROLS

Local exhaust ventilation may be required in circumstances where the product is sprayed, heated or dried.

### PERSONAL PROTECTION

Respiratory	-	Masks, when spraying
Hand	-	Gloves, if risk of skin contact
Eye	-	Goggles, if risk of splashing
Skin	-	Standard industrial overalls if splashing

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	-	Coloured liquid
Odour	-	Mild
PH	-	8.0
VOC	-	38
Boiling point	-	Approx. 100C (as water)
Flammability and Autoignition temp		N/A
Vapour pressure	-	23 mbar as water
Water solubility	-	Fully miscible
Relative density	-	Approx. 1.03 at 20 C (ISO 8962)

## 10. STABILITY AND REACTIVITY

This product is stable under normal conditions of use.

## 11. TOXICOLOGICAL INFORMATION

**INHALATION** - May be irritating to respiratory system

**INGESTION** - May be harmful if swallowed

**SKIN CONTACT**- may cause skin irritation

**LONG TERM EXPOSURE** - No information available

## 12. ECOLOGICAL INFORMATION

Do not empty into waters and drains.

## 13. DISPOSAL INFORMATION

Product recommendation: Do not allow into drains or watercourses.

Empty containers are to be disposed according to official rules.

Contaminated packaging recommendation: Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to approved recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.

## 14. TRANSPORT INFORMATION

This product is not classified hazardous for transportation.

## 15. REGULATORY INFORMATION

EEC Hazard Classification - None

The product contains only substances, which are on the European Inventory of Existing Chemical Substances (EINECS).

## 16. OTHER INFORMATION

The information provided in this Safety Data Sheet is based on data provided by sources considered to be reliable. This data is intended to enable safety assessment to be made and should not be construed as guaranteeing specific properties. Users are recommended to consult technical information sheets for advice on specific applications.

Further information may be obtained from:

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