

## EU Materials Safety Data Sheet to Guideline 91/155/EWG

Date of Issue: 01.04.2004

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY

- Product Name: 3D (PMMA) - Edgebands
- Manufacturer/Supplier: Döllken-Kunststoffverarbeitung GmbH  
Beisenstraße 50  
45964 Gladbeck  
Tel. +49(0)2043/979-0

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Extruded edging from a mixture of polymers based on methyl methacrylate, buthyl acrylate and styrene

### 3. HAZARDS IDENTIFICATION

This product is not classified as dangerous according to EU criteria

### 4. FIRST AID MEASURES

No special measures required

### 5. FIRE-FIGHTING MEASURES

- Extinguishing Media: Water spray. Synthetic foams.  
Carbon dioxide. Dry chemical fire extinguishers.  
Unsuitable Extinguishing Media: Water jet.
- Protection of Fire-fighters: Wear permitted positive pressure self-contained breathing apparatus and protective fire-fighting clothing.
- Particular Hazards from Combustion Products in the Substance: Dense smoke is emitted when burnt without sufficient oxygen. The smoke may contain combustion products of varying composition in addition to carbon dioxide, carbon monoxide and hydrogen, in part of a toxic nature.

## 6. ACCIDENTAL RELEASE MEASURES

Not applicable

## 7. HANDLING AND STORAGE

- Handling:

Note on Safe Handling:

Ensure vapour extraction or adequate ventilation during heat processing.  
Avoid static electricity

- Storage:

Store in a cool, dry place away from direct sunlight.  
Keep away from ignition sources

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Constituent parts with Workplace Exposure

Guidelines:

During General Processing :

Maximum dust levels : Fine dust 3 mg/m<sup>3</sup>  
Total dust 10 mg/m<sup>3</sup>

Processing at High  
Temperatures:

See Section 7

- Personal Protective Equipment

Respiratory Protection:

Use P2 dust filter in dusty conditions.

Hand Protection:

Not required.

Eye Protection:

Use safety glasses in dusty conditions.

Body Protection:

Suitable clothing

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance as delivered

Physical condition (form):

Extruded edging

Colour

As requested by customer

Odour

Slight, characteristic

- Safety Data

Decomposition temperature:

> 250° C

Solubility (qualitative) :

Easily soluble in esters, ketones, chlorinated hydrocarbons, for example

Water solubility:

Practically insoluble

## 10. STABILITY AND REACTIVITY

Stable under normal handling and storage conditions and when used in accordance with guidelines (see also Sections 7 and 8)

## 11. TOXICOLOGICAL INFORMATION

Not applicable

## 12. ECOLOGICAL INFORMATION

Non bio-degradable. When properly handled and used in accordance with guidelines our experience suggests there are no negative effects to be expected upon the environment.

## 13. DISPOSAL CONSIDERATIONS

Clean uncontaminated product may be disposed of by sale to reprocessors

Scrap materials may be disposed of at approved landfills or preferably by incineration under approved conditions

## 14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

## 15. REGULATORY INFORMATION

This product does not require labelling according to the European Communities criteria or the Law on Hazardous Substances

- National Regulations:  
Water Pollution Class: not hazardous to waters – self-assessment -

## 16. OTHER INFORMATION

The details printed here reflect the present state of our knowledge and experience and are based on information from our raw materials suppliers. They are a full description of our product with regards to its composition and use, but do not contain any guarantee regarding its characteristics. For terms of guarantee and liability see our General Conditions of Sale and Delivery.

These details reflect the present state of our knowledge and are meant to carry information on our products and their safety aspects. They are therefore not intended to serve as a guarantee of any given characteristics of the products or their suitability in any given case of application. All users of our products are themselves liable for observing any legal requirements, including those relating to accident prevention.

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