

Headlines

Latest Patents

New Publications

Issue - 587 January 04, 2016

Polyurethane Abstract

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## HEADLINES

### PU RAW MATERIALS >> ADDITIVES >> PLATICIZER

#### New Line of Plasticizers to be Released in 2016

Emerald Kalama Chemical L.L.C. will be releasing additions to its range of K-Flex plasticizers in 2016. These include X-121, which will be u...

*Published On:* Jan 04, 2016

**Company:** Emerald Kalama Chemical

### CASE >> COATINGS >> FLOORING

#### Consumer's Guide to Garage Concrete Coatings



Concrete coatings are seamless, extremely durable, decorative flooring systems. Concrete Coating formulations are epoxy, polyaspartic, polyu...

*Published On:* Jan 04, 2016

**Company:** HP Spartacote

### FINISHED PRODUCTS >> CONSTRUCTING >> THERMAL INSULATION

#### New Home Sales Surge Provides Momentum for Spray Polyurethane Foam Contracting Companies

Sales of newly built, single-family homes rose 10.7 percent to a seasonally adjusted annual rate of 495,000 units in October, according to n...

*Published On:* Jan 04, 2016

**Company:** The National Association of Home Builders

### FINISHED PRODUCTS >> HOUSING >> FURNITURE SEAT CUSHIONS

#### Seat Cushions: The Hidden Costs in Product Life Cycle Cost Analysis



Product Life Cycle Cost Analysis, Cost of Ownership, LCA (Life Cost Analysis), Whole Life Cost, and Cradle to Grave Costing - what do these ...

*Published On:* Jan 03, 2016

**Company:** Rogers Corporation

### INDUSTRY UPDATE

#### Manali Petrochemicals resumes production at two plants

The Ashwin C Muthiah Group company Manali Petrochemicals Ltd (MPL), which had to shut down its refinery due to heavy rains and water-logging...

*Published On:* Jan 04, 2016

**Company:** Manali Petrochemical

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## PEOPLE

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### Fitterling Joins the Sadara Board of Directors

James R. Fitterling, vice chairman and chief operating officer of The Dow Chemical Company, has been appointed to the Board of Directors of ...

*Published On:* Jan 04, 2016

**Company:** Sadara Chemical Company

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## PATENTS

### PU RAW MATERIALS >> ADDITIVES

#### Silane-modified additives and silane-modified polymer compounds

The invention relates to silane modified additives obtained by condensation of one or a plurality of silanes of the general formula (RO).sub...

Published On: Jan 04, 2016

Company: Wacker Chemie AG

### PU RAW MATERIALS >> RESIN COMPOSITION

#### Halogen-free polymer resin composition and polymer resin material made by using said composition

The present arrangement is directed to a polymer resin composition having polyvinyl acetate resin having 60 to 80% by weight of vinyl acetat...

Published On: Jan 04, 2016

Company: Nexans

### CASE >> COATINGS

#### Single-component coating having alkoxy silane-terminated n-substituted urea resins

The coating described herein attempts to provide this solution by synthesizing alkoxy silane-terminated N-substituted urea resins, then formu...

Published On: Jan 04, 2016

Company: Leidos

#### Thermochromic coating and method of manufacturing thereof

A thermochromic coating which comprises a thermochromic compound and a polyurea resin. The thermochromic compound and polyurea resin form a ...

Published On: Jan 04, 2016

### CASE >> ELASTOMERS

#### Polyurethane elastomers made using mixtures of aliphatic diol chain extender and secondary amine

Polyurethane elastomers are formed by curing a reaction mixture containing at least one polyisocyanate at least one polyol, an aliphatic dio...

Published On: Jan 04, 2016

Company: Dow Global Technologies

### FINISHED PRODUCTS >> CONSTRUCTING

#### High density polyurethane and polyisocyanurate construction boards and composite boards

A construction board comprising a cellular body including at least one planar surface, where the cellular body includes a polyurethane or po...

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Published On: Jan 04, 2016

Company: Firestone Building Products

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## FINISHED PRODUCTS >> PRINTING >> FLEXOGRAPHIC PRINTING PLATE

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### Lithographic printing plate precursor and method of preparing the same

A lithographic printing plate precursor in a positive-type with an infrared-sensitivity, having a support and an image recording layer provi...

Published On: Jan 04, 2016

Company: Fujifilm

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## FINISHED PRODUCTS >> SPORTS >> GOLF

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### Golf ball cores having foam center and polymeric outer layers with hardness gradients

Multi-layered golf ball core sub-assemblies and the resulting golf balls are provided. The core structure includes an inner core (center co...

Published On: Jan 04, 2016

Company: Acushnet Company

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## FINISHED PRODUCTS >> MEDICAL

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### Medical leads

Medical leads, such as medical electrical leads and medical neurological leads, that include a polymeric material that includes a silicone-u...

Published On: Jan 04, 2016

Company: Medtronic

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## FINISHED PRODUCTS >> INDUSTRIAL >> HOSES & TUBING

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### Multi-layered fuel tubing

The invention describes a flexible tubular article for transport of volatile hydrocarbons comprising: (a) an inner layer of a polyvinylidene...

Published On: Jan 04, 2016

Company: Saint-Gobain Performance Plastics Corporation

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## SHAPE&#8208;MEMORY MATERIALS

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### Items of clothing having shape memory

A method for making items of clothing having shape memory, the method comprising: synthesizing (31) a shape memory polyurethane; subjecting ...

Published On: Jan 04, 2016

Company: The Hong Kong Polytechnic University

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## CHEMISTRY

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### High molecular weight polycarbodiimide and method of producing same

A method of producing the high molecular weight polycarbodiimide comprises the steps of providing an isocyanate component comprising toluene...

Published On: Jan 04, 2016

Company: BASF SE



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## PUBLICATIONS

### **CASE >> COATINGS >> BIO-BASED**

[Bio-based polyurethane: An efficient and environment friendly coating systems: A review](#)

Bio-based polyurethane (PU) coatings have been used extensively from last few decades and replaced petrochemical based coating due to their ...

*Published On:* Jan 04, 2016

**Company:** Government College University Faisalabad

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