



## Material Safety Data Sheet

Date of print : 2008. 1. 1

CAS No.	RTECS No.	UN No.	EN No.
009082-00-2 057913-80-1			

### 1. Substance/preparation and company identification

- ① Generic name : Copolymer Polyol
- ② Product name : PPG CS-743
- ③ Supplier's name : Kumho Petrochemical
- ④ Supplier's address : 57-1, Shinmun-Ro, Jongro-Gu, Seoul 110-061 Korea
- ⑤ Contact : 82-2-6303-0114
- ⑥ <http://www.kkpc.com>

### 2. Composition/information on ingredients

Name	CAS No.	Content(%)
Polyether Polyol Blend	009082-00-2	> 55%
Styrene-acrylonitrile polymer	057913-80-1	28~45%

### 3. Hazard identification

#### EMERGENCY OVERVIEW

White. Viscous liquid.

Keep out of water ways. Extinguish with water fog, foam, CO<sub>2</sub> or dry chemical.

EMERGENCY PHONE: Korea. +82-52-279-8560

### 4. First-aid measures

If inhaled :

Remove to fresh air if effects occur. Consult a physician.

On skin contact :

Wash off in flowing water or shower.

On contact with eyes :

Flush eyes with plenty of water.





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On ingestion :

If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel

Note to physician :

No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

### 5. Fire-fighting measures

Summary :

Normal fire fighting procedures should be followed to avoid inhalation of smoke and gases.

Suitable extinguishing media :

Water fog, dry extinguishing media, foam, carbon dioxide

Specific hazards :

Combustion may produce carbon dioxide and water. Unidentified organic compounds may be formed during combustion which may present a greater hazard.

Specific protective equipment :

Wear positive-pressure self-contained breathing apparatus and full protective equipment.

Further information :

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Flash point : > 200°C ( 392°F)

### 6. Accidental release measures

Personal precautions :

Avoid inhalation. Source of ignition should be kept well clear.

Methods for cleaning up or taking up :

Sweep/shovel up. Avoid raising dust. Ensure adequate ventilation.

Additional information :

High risk of slipping due to leakage/spillage of product.

### 7. Handling and storage





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### Handling :

Processing machines must be fitted with local exhaust ventilation. When working on exhaust systems special safety precautions must be taken, because dangerous substances can accumulate in the residue of the exhaust system. Handle in accordance with good industrial hygiene and safety practice.

### Protection against fire and explosion :

Avoid dust formation. Dust can form an explosive mixture with air. Provide exhaust ventilation. When the product is ground(chopped), dust explosion regulation should be noted.

### Storage :

Further information on storage conditions : Protect against moisture. Avoid extreme heat. Avoid all source of ignition : heat, sparks, open flame.

## 8. Exposure controls and personal protection

### ENGINEERING CONTROLS:

Good general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

### PERSONAL PROTECTIVE EQUIPMENT

EYE/FACE PROTECTION: Use safety glasses.

SKIN PROTECTION: Use gloves impervious to this material when prolonged or frequently repeated contact could occur.

RESPIRATORY PROTECTION: No respiratory protection should be needed.

EXPOSURE GUIDELINES: None established.

## 9. Physical and chemical properties

Appearance :	White. Viscous Liquid	Odor :	Odourless
pH :	6~8	Solubility :	Insoluble in water
Boiling temp :	Not applicable	Melting temp :	Not applicable





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Viscosity                    4,000~6,000 cps/25°C      Density :                    1.020 kg/m3 at 25°C  
Vapor pressure :      Nil

### 10. Stability and reactivity

Stability :

Stable at normal temperature and pressure.

Reactivity :

Not reactive

Conditions to avoid :

Avoid extreme heat.

INCOMPATIBILITY WITH OTHER MATERIALS:

Strong acids and oxidizing materials. Also alkali or alkaline earth metals such as copper, zinc or brass.

HAZARDOUS DECOMPOSITION PRODUCTS:

Combustion may produce carbon dioxide and toxic carbon monoxide. Unidentified organic compounds may be formed during combustion.

HAZARDOUS POLYMERIZATION: Will not occur.

### 11. Toxicological information

INFORMATION (See Section 3 for Potential Health Effects. For detailed toxicological data, write or call the address or non-emergency number shown in Section 1)

ACUTE INGESTION: The oral LD50 for rats is >4000 mg/kg.

SKIN ABSORPTION: The LD50 for skin absorption in rabbits is expected to be >5000 mg/kg.

MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): No relevant information found.

### 12. Ecological information

Eco-toxicity

Assessment of aquatic toxicity :

At the present state of knowledge, no negative ecological effects are expected. The product





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has not been tested. The statement has been derived from the structure of product.

Persistence and degradability

Assessment biodegradation and elimination(H<sub>2</sub>O) :

Not readily biodegradable(by OECD criteria). The product has not been tested. The statement has been derived from the structure of the product. The product is virtually insoluble in water and can thus be separated from mechanically in suitable effluent treatment plants.

Bioaccumulation potential

Bioaccumulation potential :

The product will not be readily bio-available due to its consistency and insolubility in water.

### 13. Disposal considerations

Must be dumped or incinerated in accordance with local regulations.

Contaminated packaging :

Uncontaminated packaging can be recycled.

### 14. Transport information

Land transport :

Not classified as a dangerous good under transports regulation.

Sea transport :

Not classified as a dangerous good under transports regulation.

Air transport :

Not classified as a dangerous good under transports regulation.

### 15. Regulatory information

The product does not require a hazard warning label in accordance with regulations.

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

Federal Regulatory Status

Notification Status

EINECS: All components listed or polymer exempt.

TSCA: All components are listed on the TSCA Inventory.





CV. PANCASAKTI PUTRA KENCANA  
IMPORTIR AND STOCKIST OF INDUSTRIAL AND FOOD CHEMICALS



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SARA Hazard Categories (311/312): No SARA 311/312 Hazards.

### 16. Other information

In addition to the information given in the safety data sheet we refer to the product specific 'Technical Information'.

