

# MATERIAL SAFETY DATA SHEET



## ADEKA ULTRASEAL

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DATE PREPARED: February/01/2002

DATE REVISED : August/09/2012

PRODUCT NAME

**P-201**

MSDS No. : US-87544

### 1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER : ADEKA ULTRASEAL P-201  
GENERAL USE : Water stop for construction use  
FORMULA : Mixture

MANUFACTURER:

ADEKA CORPORATION  
2-35, HIGASHI-OGU 7-CHOME,  
ARAKAWA-KU, TOKYO 116-8554, JAPAN  
TEL: 81-3-4455-2843 FAX: 81-3-3809-8240

CHEMICAL NAME & STRUCTURE:

Mixture

EMERGENCY TELEPHONE NUMBERS:

OCM INC.  
TEL: 847-955-9700 FAX: 847-541-9338

DISTRIBUTOR:

OCM INC.  
TEL: 847-955-9700 FAX: 847-541-9338

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

| COMPONENT                 | %     | CAS No.      | NOTE               |
|---------------------------|-------|--------------|--------------------|
| Organic compound          | 40-80 | Trade secret | None               |
| Inorganic compound        | 10-40 | Trade secret | None               |
| Silica (amorphous)        | 5-10  | 7631-86-9    | Hazardous material |
| Titanium dioxide          | 1-5   | 13463-67-7   | Hazardous material |
| Nonane                    | 0.1-1 | 111-84-2     | Hazardous material |
| m-Tolyldiene diisocyanate | <0.5  | 26471-62-5   | Hazardous material |

#### EXPOSURE GUIDELINE

| OSHA HAZARDS              | OSHA PEL |                   | ACGIH TLV <sup>1)</sup> |                   |      |                   |
|---------------------------|----------|-------------------|-------------------------|-------------------|------|-------------------|
|                           | ppm      | mg/m <sup>3</sup> | TWA                     |                   | STEL |                   |
|                           | ppm      | mg/m <sup>3</sup> | ppm                     | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |
| Silica (amorphous)        |          | 20mppcf           | -                       | -                 | -    | -                 |
| Titanium dioxide          | -        | 15                | -                       | 10                | -    | -                 |
| Nonane                    | -        | -                 | 200                     | -                 | -    | -                 |
| m-Tolyldiene diisocyanate | -        | -                 | 0.005                   | -                 | 0.02 | -                 |

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## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

Gray putty with slight odor.  
May cause skin and eye irritation.  
May cause irritation to the respiratory tract.  
Contains carcinogenic substance.

#### POTENTIAL HEALTH EFFECTS

SKIN CONTACT : May cause skin irritation.

EYE CONTACT : May cause eye irritation.

INHALATION : May cause irritation to the respiratory tract.

INGESTION : Oral toxicity has not been determined.

CHRONIC EFFECTS : This product contains carcinogenic substance.  
(Titanium dioxide and m-Tolyldiene diisocyanate)

## 4. FIRST AID MEASURES

SKIN CONTACT : Wash off immediately with plenty of soap and water. Take all contaminated clothing off immediately. Seek medical advice if irritation develops.

EYE CONTACT : Immediately flush with large quantities of clean water for at least 15 minutes and call a physician.

INHALATION : Move affected person to fresh air. In case of respiratory system or mucous membranes, or if you feel unwell or in case of prolonged exposure, get medical attention.

INGESTION : Don't induce vomiting because of risk of aspiration into the lungs.  
See a physician immediately.

NOTE TO PHYSICIAN: None

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## 5. FIRE-FIGHTING MEASURES

### FLAMMABLE PROPERTIES:

Flash point and Method °F (°C) : No data available

Flammable Limits (% by volume) : No data available

Autoignition Temperature °F (°C) : No data available

EXTINGUISHING MEDIA : Dry sand, foam, carbon dioxide or dry chemical agents.

SPECIAL FIRE-FIGHTING PROCEDURES : Do not use a straight stream of water.

FIRE-FIGHTING INSTRUCTIONS : Either allow fire burn out under controlled conditions or extinguish with foam or dry chemicals.

HAZARDOUS DECOMPOSITION PRODUCTS : Smoke, oxides of carbon and NO<sub>x</sub> on combustion.

TO FIREMEN : Firemen should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

## 6. ACCIDENTAL RELEASE MEASURES

LARGE SPILL : Prevent the spilt liquid from spreading by the use of sand or earth. Transfer the liquid to a salvage tank if possible. Incinerate or place in a suitable container for disposal by a licensed contractor. (Follow all Federal, State and local regulations in your country.)

SMALL SPILL : Sweep up or vacuum and place into sealable container for disposal with wearing protective equipment. (See section 8.)

## 7. HANDLING AND STORAGE

HANDLING : Avoid contact with skin and eyes. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Do not allow to reach waterways.

STORAGE : Store in the original container securely under cool and dry condition. Avoid contact with water and moisture absorption.

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## 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

ENGINEERING CONTROLS : Provide mechanical ventilation of confined spaces.

### PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION : Wear suitable particle filter mask when exposed to dust.

EYE PROTECTION : Chemical safety glasses. Contact lenses should not be worn.

SKIN PROTECTION : Chemical resistant gloves.

BODY PROTECTION : To prevent skin contact wear skin protection, such as gloves, workpants, long sleeve work shirt, or disposable coveralls.

SPECIAL PROTECTION INFORMATION : Eye wash stations and safety showers should be readily available in areas where the substance is used or handled.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE : Gray putty

ODOR : Slight odor

BOILING POINT °F (°C) : No data available

MELTING POINT / FREEZING POINT °F (°C) : No data available

VAPOR PRESSURE : No data available

SOLUBILITY IN WATER : Negligible

SPECIFIC GRAVITY : 1.3 at 77°F (25°C) <sup>2)</sup>

pH : No data available

VISCOSITY : 120Pa·s at 77°F (25°C) <sup>2)</sup>

VAPOR DENSITY (air=1) : No data available

EVAPORATION RATE : No data available  
(n-Butylacetate=1)

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## 10. STABILITY AND REACTIVITY

CHEMICAL STABILITY : Stable under recommended conditions of storage and handling.

SUBSTANCES TO AVOID CONTAMINATION : Water, Strong alkalis, strong acid, peroxides, organic solvent.

HAZARDOUS REACTION AND FIRE DANGER: No risk of specific hazardous reactions or fire under normal conditions.

PRODUCTS CAUSING HAZARDOUS DECOMPOSITION : Thermal decomposition or combustion may product carbon monoxide, carbon dioxide and /or oxides of nitrogen.

## 11. TOXICOLOGICAL INFORMATION

EYE EFFECTS : No data available, but may cause eye irritation.

SKIN EFFECTS : No data available, but may cause skin irritation.

ACUTE ORAL EFFECTS : No data available, but may be harmful if swallowed.

ACUTE INHALATION EFFECTS : No data available, but may cause irritation to the respiratory tract.

CHRONIC EFFECTS / CARCINOGENICITY : This product contains Titanium dioxide (1-5%) and m-Tolyldene diisocyanate (<0.5%).

Titanium dioxide is on the list of IRAC (2B).

m-Tolyldene diisocyanate is on the list of NTP(R), IRAC(2B).

MUTAGENICITY : This product is not known or reported to be mutagenic by any reference source.

OTHERS : No relevant information found.

## 12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION : No data available

## 13. DISPOSAL CONSIDERATION

DISPOSAL INFORMATION : Should be in accordance with local, state or national legislation.



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## 16. OTHER INFORMATION

### RATING

#### HMIS:

HEALTH : 2

FLAMMABILITY: 1

REACTIVITY : 1

PERSONAL PROTECTIVE

EQUIPMENT : C

#### NFPA:

HEALTH HAZARD : 2

FLAMMABILITY : 1

REACTIVITY : 1

SPECIFIC HAZARD : None

REFERENCE: 1) Guide to Occupational Exposure Values (ACGIH, 2012)

2) Our data.

### OTHERS

DATE REVISED : None

OTHERS : None

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