

# MATERIAL SAFETY DATA SHEET



## ADK ULTRA SEAL

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DATE PREPARED : April/10/1995  
DATE REVISED : October/30/2011

PRODUCT NAME

MC

MSDS No. : US-86095

### 1. CHEMICAL PRODUCTS AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER : ADK ULTRA SEAL MC  
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
Rubber	40-50	Trade secret	None
Urethane resin	25-35	Trade secret	None
Filler	15-25	Trade secret	None
Dioctyl adipate	1-5	103-23-1	None
Carbon black	1-5	1333-86-4	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>
Carbon black	-	3.5	-	3	-	-

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### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

Black rubber-like strip with no odor.  
Suspected of causing cancer.  
May cause damage to organs through prolonged or repeated exposure.

#### POTENTIAL HEALTH EFFECTS

SKIN CONTACT : May cause skin irritation.

EYE CONTACT : May cause eye irritation.

INHALATION : May cause irritation to the respiratory tract.

INGESTION : May be harmful if swallowed.

CHRONIC EFFECTS : This product contains carcinogenic substance.  
(Carbon black; however it is article kneaded)

### 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 fighters should wear self-contained breathing apparatus full protective clothes when fighting fire.

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 NOx on combustion.

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

### 6. ACCIDENTAL RELEASE MEASURES

SPILL : Non-liquid material. Eliminate all sources of heat and ignition.  
No specific hazard under normal conditions.

### 7. HANDLING AND STORAGE

HANDLING : Avoid contact with eyes. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Avoid prolonged or repeated breathing of dust.

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 : 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 : Black rubber-like strip

ODOR : None

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 : 1.18 at 77°F (25°C)<sup>2)</sup>

pH : No data available

VISCOSITY : No data available

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.  
Avoid high temperature (over 40°C)

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 1-5% carbon black.  
Carbon black is on the list of IARC (Group2B).

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.

### 14. TRANSPORTATION INFORMATION

UN No. : Not applicable

IMDG CODE : Not applicable

MARINE POLLUTANT : Not applicable

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## 15. REGULATORY INFORMATION

### U.S.FEDERAL REGULATION

TSCA: TSCA INVENTORY  registered  not registered

SARA TITLE III SECTION 313 TOXIC CHEMICALS:	COMPONENT	CAS No.	WT%
	<u>Not applicable</u>	<u></u>	<u></u>
	<u></u>	<u></u>	<u></u>
	<u></u>	<u></u>	<u></u>

### INTERNATIONAL INFORMATION

CEPA: DSL  registered  not registered

REACH (EU):  If you require information, please contact us.  not registered

## 16. OTHER INFORMATION

### RATING

#### HMIS:

HEALTH : 1  
FLAMMABILITY : 1  
REACTIVITY : 1  
PERSONAL PROTECTIVE  
EQUIPMENT : B

#### NFPA:

HEALTH HAZARD : 1  
FLAMMABILITY : 1  
REACTIVITY : 1  
SPECIFIC HAZARD : None

REFERENCE: 1) Guide to Occupational Exposure Values (ACGIH, 2011)  
2) Our data.

### OTHERS

DATE REVISED : None

OTHERS : None

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