



## SAFETY DATA SHEET

### AEROLITE 306

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

PRODUCT NAME                    AEROLITE 306  
 SUPPLIER                         Dynea UK Ltd  
    Alyn Works  
    Denbigh Road  
    Mold, Flintshire, CH7 1BF  
    Tel: 01352 757657  
    Emergency Tel: 01352 750416

#### 2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
FORMALDEHYDE ...%	200-001-8	50-00-0	<0.1%	Carc3;R40 T;R23/24/25 C;R34 R43
UREA-FORMALDEHYDE POLYMER		68071-45-4	60-100%	

The Full Text for all R-Phrases are Displayed in Section 16

#### 3 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 4 FIRST-AID MEASURES

##### INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### INGESTION

Rinse mouth thoroughly. Get medical attention.

##### SKIN CONTACT

Wash skin with soap and water. Get medical attention if irritation persists after washing.

##### EYE CONTACT

Rinse the eye with water immediately. Get medical attention promptly if symptoms occur after washing.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Use fire-extinguishing media appropriate for surrounding materials. Foam, carbon dioxide or dry powder. Water spray, fog or mist.

##### SPECIAL FIRE FIGHTING PROCEDURES

No specific fire fighting procedure given.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

Dust may form explosive mixture with air.

##### SPECIFIC HAZARDS

Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Nitrous gases (NO<sub>x</sub>). Ammonia or amines.

#### 6 ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

For personal protection, see section 8.

##### ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment. Avoid spreading dust or contaminated materials.

# AEROLITE 306

## SPILL CLEAN UP METHODS

Avoid contact with skin or inhalation of spillage, dust or vapour. Avoid dust formation. Collect in containers and seal securely. Remove containers and flush area with water.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Change clothing after finished handling of the product. Use mechanical ventilation in case of handling which causes formation of dust.

### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m <sup>3</sup>	ST - ppm	ST - mg/m <sup>3</sup>
FORMALDEHYDE ...%	MEL	2 ppm	2.5 mg/m <sup>3</sup>	2 ppm	2.5 mg/m <sup>3</sup>

### PROTECTIVE EQUIPMENT



### PROCESS CONDITIONS

Provide eyewash station.

### ENGINEERING MEASURES

Provide sufficient ventilation for operations causing dust formation.

### RESPIRATORY EQUIPMENT

Use specified dust masks.

### HAND PROTECTION

Chemical resistant gloves required for prolonged or repeated contact. Use protective gloves made of: Rubber, neoprene or PVC.

### EYE PROTECTION

Wear dust resistant safety goggles where there is danger of eye contact.

### OTHER PROTECTION

Wear appropriate clothing to prevent reasonably probable skin contact.

### HYGIENE MEASURES

Change work clothing daily before leaving work place.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Powder, dust
COLOUR	White
ODOUR	Formaldehyde
SOLUBILITY	Insoluble in water
FLASH POINT (°C)	>100

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

### HAZARDOUS POLYMERISATION

Will not polymerise.

### HAZARDOUS DECOMPOSITION PRODUCTS

Nitrous gases (NO<sub>x</sub>). Ammonia or amines. Fire creates: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

## 11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5000 mg/kg (oral rat)

# AEROLITE 306

## TOXICOLOGICAL INFORMATION

Low toxicity. Formaldehyde is a category 3 carcinogen.

### INHALATION

Dust may irritate respiratory system or lungs.

### INGESTION

Sore throat. Nausea, vomiting.

### SKIN CONTACT

Powder may irritate skin.

### EYE CONTACT

Particles in the eyes may cause irritation and smarting.

## MEDICAL CONSIDERATIONS

Skin disorders and allergies.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Dangerous for the environment if discharged into watercourses.

### MOBILITY

Partially water soluble.

### DEGRADABILITY

Urea formaldehyde polymers are slowly, but not readily biodegradable.\n

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION

### GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

## 15 REGULATORY INFORMATION

### RISK PHRASES

NC Not classified.

### SAFETY PHRASES

S22 Do not breathe dust.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

### UK REGULATORY REFERENCES

EH40 Occupational Exposure Limits. The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EEC. Safety data sheet directive 91/155.

## 16 OTHER INFORMATION

### REVISION COMMENTS

This is first issue.

REVISION DATE 25-02-2005

### RISK PHRASES IN FULL

NC Not classified.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

R37 Irritating to respiratory system.

R40 Limited evidence of a carcinogenic effect.

R43 May cause sensitisation by skin contact.