

HEALTH & SAFETY DATA SHEET

UNI-COAG UCF40

CHEMICAL CHARACTERISTICS

Chemical name : CAS No. POLYCLAY 622
30-80% Bentonite Clays : 1302-78-9
<30% Al₂(SO₄)₃ : 16828-11-8
<15% Ca(OH)₂ : 1305-62-0
<60% Activated Carbon : 1333-86-4

HAZARDS

Description of Hazards : The product may generate a nuisance dust, which can have a drying effect on the skin and irritate the respiratory tract.

FIRST AID MEASURES

Ingestion : Seek medical attention if large amounts ingested.
Skin Contact : Wash immediately with plenty of water and soap if available.
Eye Contact : Gross inhalation of dust – remove to fresh air, get medical attention.
Inhalation : Gross inhalation of dust – remove to fresh air; get medical attention.

FIRE FIGHTING MEASURES

Extinguishing media : Water or powder

ACCIDENTAL RELEASE MEASURES

Personal Precautions : Avoid contact with skin and eyes. Wear protective clothing against nuisance dust.
: Spills can be slippery when wet.
Environmental Precautions : None required
Methods for cleaning up : Sweep into containers for disposal.
: Flush spill area with water.
: Slippery when wet.
: If slipperiness remains apply more dry-sweeping compound.

HANDLING AND STORAGE

Handling : Avoid dust build – up or collection.
Storage : Protect from moisture.

EXPOSURE CONTROL/PERSONAL PROTECTION

Control limits for workplace.

Components : OEL for Respirable Dust
Bentonite : 5mg/m'
Al₂(SO₄)₃ : 2mg/m'
Ca(OH)₂ : 5mg/m'
General protection/hygiene : Before breaks and finishing work wash hands.
Respiratory protection : Wear dust mask.
Eye protection : Wear safety spectacles.
Hand protection : Wear protective gloves.
Body protection : None required.

PHYSICAL AND CHEMICAL PROPERTIES

Material state	Powder	% Volatile by weight	Not applicable
Colour	Grey	pH	Not available
Odour	Odourless	Evaporation	Not applicable
Boiling Point	Not applicable	Solubility in water	Not available
Melting Point	Over 1000°C	Flash Point	Not applicable
Vapour Pressure	Not available	Flammable Limits	Not available
Bulk Density	800-900kg/cmb	Autoignition Temperature	Not available
Vapour Density	Not applicable	Decomposition Temperature	Not available

STABILITY AND REACTIVITY

Stability : Stable
Condition to avoid : None known
Materials to avoid : None known

TOXICOLOGICAL INFORMATION

Potential Health Effects : None known
Hazardous Ingredient Toxicity : No hazardous Ingredients
Data

ECOLOGICAL INFORMATION

Ecological Information : Not known environmental damage

DISPOSAL CONSIDERATION

All local and national regulations should be followed. Can be co – disposed of with household solid waste given local authority approvals.

TRANSPORT INFORMATION

Land Transport ADR/RID and GGVS/GGVE : Not applicable/regulated

Inland Water Shipping AND/ADR : Not applicable/regulated

International Shipping IMO : Not applicable/regulated

Air Transport ICAO/IATA : Not applicable/regulated

REGULATORY INFORMATION

EC Marking and Regulation : None required

Symbol : None

Risk Phrases : S24/25 Avoid contact with skin and eyes

Safety Phrases : S82 Spills are very slippery when wet

INVENTORY INFORMATION

All components of this product are included.

EEC EINECS

: Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC, Amended 79/831/ECC.