

SAFETY DATA SHEET SD74 - COLOUR RELEASE



PRODUCT NAME	ADSEAL COLOUR RELEASE
General Description	A decorative bond breaker for use with concrete imprinting mats. See Technical Data sheet TD74 for suitable applications of this product
COMPOSITION / INFORMATION ON INGREDIENTS	
This product is a blend of magnesium silicate hydrates, metallic soaps and pigments.	
HAZARDS IDENTIFICATION	
Main Hazards	None
Human Health	Dust may induce mild or temporary upper respiratory Irritation with cough and shortness of breath.
Environmental Effects	No significant environmental effects are anticipated
FIRST AID MEASURES	
SKIN	Wash thoroughly with soap and water, remove contaminated clothing.
EYES	Do not rub eyes. Wash immediately with copious quantities of clean water. If Symptoms persist or develop, get medical advice
INGESTION	Seek medical advice.
INHALATION	Move to fresh air.
MEDICAL NOTE	May aggravate other pulmonary conditions and diseases.
OTHER INFORMATION	Contaminated clothing should be removed and washed before re-use.
FIRE-FIGHTING MEASURES	
EXTINGUISHING MEDIA	Water spray, dry chemical foam and CO2
SPECIAL FIRE FIGHTING PROCEDURES	
Normal fog nozzle jet application and/or exclusion of air	
UNUSUAL FIRE AND EXPLOSION HAZARDS	
Dust explosions can occur under conditions of high dust concentration in the presence of an ignition source.	
ACCIDENTAL RELEASE MEASURES	
Collect Spilled Powder and place in containers. Shovel into waste containers. Avoid generating dust.	
PRECAUTIONS :- Avoid breathing dust, skin and eye contact	

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HANDLING AND STORAGE

Store in a cool, dry location. Avoid heat or flame. Concentrated dust may present an explosion hazard.

EXPOSURE CONTROLS/PERSONAL PROTECTION

HYGIENE It should become standard routine to wash thoroughly:

After work - Before Smoking - Before Eating or Drinking - Before Using The Lavatory

RESPIRATORY PROTECTION

Where possible, use local exhaust to keep dust levels down to below threshold limit values.

PERSONAL PROTECTIVE EQUIPMENT

Dust Mask Respiratory protection should be worn to prevent inhalation

Hand Protection Impervious gloves should be worn to prevent skin contact

Eye Protection Light goggles should be worn to prevent eye contact

General Full overalls, boots and barrier cream are suggested

PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	-	Colored, free flowing, powder.
ODOUR	-	No smell.
pH (1% in water)	-	NA
BOILING POINT/BOILING RANGE		NA
MELTING POINT/MELTING RANGE		NA
FLASH POINT (METHOD USED)		450°C (PMCC)
FLAMMABILITY		Under normal conditions does not burn
AUTO FLAMMABILITY		Under normal conditions does not burn
EXPLOSIVE PROPERTIES		Dust explosions can occur under conditions of high concentration and in the presence of ignition source.
OXIDISING PROPERTIES		NA
VAPOUR PRESSURE		Solid at all service temperature
RELATIVE DENSITY (H2O=1)		2.0 - 2.5
SOLUBILITY		Insoluble in water
PARTITION COEFFICIENT		NA

STABILITY AND REACTIVITY

STABILITY Stable

MATERIALS TO AVOID Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS CO and CO₂

TOXICOLOGICAL INFORMATION

Acute exposure may cause irritation to the upper respiratory tract. Abrasion may cause eye and skin irritation.

Long term excessive exposures with repeated or prolonged inhalation of airborne dust may cause scarring of the lungs (Pulmonary Fibrosis)

ECOLOGICAL INFORMATION - No data available at this time.

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DISPOSAL CONSIDERATIONS

This product is not listed as a hazardous waste. Dispose of in accordance with local regulations.

TRANSPORT INFORMATION

UN NUMBER

ICAO - AIR
IMO - SEA
ADR - ROAD
PROPER SHIPPING NAME

ADDITIONAL DATA

This product is not classified as dangerous for transport purposes.

REGULATORY INFORMATION

Labeling:

According to EC Labeling directives, this product is labeled

R36/37/38	-	Irritating to eyes, respiratory system and skin
S22	-	Do not breathe dust.
S37/39	-	Wear suitable gloves and eye/face protection .
S2	-	Keep out of reach of children.

WORKER EXPOSURE LIMITS

No EH40 occupational exposure limits have been set for this product. However, we suggest that the following standards for Individual components are observed.

Long term exposure:

Limit (8 hours TWA reference period)*

Talc:

Total Inhale Dust	10mg/cubic meter
Respirable Dust	1mg/cubic meter

Nuisance Dust:

Total Inhalable Dust	10mg/cubic meter
Respirable Dust	5mg/cubic meter

*Health and safety Executive EH40/93 - Occupational Exposure Limits 1993

GENERAL INFORMATION

Some colors contain titanium dioxide. The IARC has concluded "there is inadequate evidence in humans for the carcinogenicity of titanium dioxide". Based on rat inhalation studies the IARC's concluded that "there is sufficient evidence in experimental animals for the carcinogenicity of titanium dioxide". The IARC's overall evaluation was that "titanium dioxide is possibly carcinogenic to humans (Group 2B)".

FURTHER INFORMATION

Adseal - Raikes Clough Industrial Estate, Bolton BL3 1RP Telephone (01204 523 973)

NOTE

The purpose of the above information is to describe the products only in terms of health and safety requirements. The information should not, therefore, be construed as guaranteeing specific properties or as a specification. Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.