



FINE, COARSE, DRY PREP PATCH, HIGH BUILD LOW WEIGHT, HIGH BOND STRENGTH, FIBRE REINFORCED & MIX EASY 100

SAFETY DATA SHEET

Updated: 01/07/2020

CLASSIFIED AS NON-HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

PRODUCT IDENTIFIER

PRODUCT NAME	Decomix FINE GRADE, Decomix COARSE GRADE, Decomix DRY PREP PATCH, Decomix HIGH BUILD LOW WEIGHT, Decomix HIGH BOND STRENGTH, Decomix FIBRE REINFORCED and Decomix MIX EASY 100
SYNONYMS	Not Available
OTHER MEANS OF IDENTIFICATION	Not available

RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

RELEVANT IDENTIFIED USES	Cement based renders and base coats
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DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET

REGISTERED COMPANY NAME	Acrylon Industries Pty Ltd
ADDRESS	29 Plasser Crescent, North St Marys NSW 2760
TELEPHONE	02 8678 4552
WEBSITE	www.decomix.com.au
EMAIL	admin@decomix.com.au

EMERGENCY TELEPHONE NUMBER

ASSOCIATION / ORGANISATION	Not Available
EMERGENCY TELEPHONE NUMBERS	Not Available
OTHER EMERGENCY TELEPHONE NUMBERS	Not Available

HAZARD IDENTIFICATION

CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

POISONS SCHEDULE	Not Applicable
CLASSIFICATION	Skin corrosion/irritation, serious eye damage, skin sensitizer, specific target organ toxicity-single exposure (respiratory tract irritation)

LABEL ELEMENTS

HAZARD PICTOGRAM (S)	
SIGNAL WORD	DANGER

HAZARD STATEMENT

H315	Causes skin irritation
H318	Causes serious eye damage
H317	May cause an allergic reaction
H335	May cause respiratory irritation

PRECAUTIONARY STATEMENT - PREVENTION

P271	Use outdoor or in well ventilated areas
P280	Wear protective gloves, protective clothing, eye protection
P261	Avoid inhaling dust, fumes, gas, mist, vapours, spray
P272	Contaminated work clothing should be left at workplace

PRECAUTIONARY STATEMENT - RESPONSE

P305+P351+P338	In in contact with eyes, rinse immediately with water for several minutes
P310	Immediately call Poison Centre or doctor
P362	Take off contaminated clothing
P363	Wash contaminated clothing
P302+P352	If in contact with skin, wash with plenty of soap and water
P33+P313	If skin irritation or rash occurs, seek medical attention
P304+P340	If inhaled, move victim to well ventilated location and rest



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PRECAUTIONARY STATEMENT - STORAGE

P405	Store locked up
P403+P233	Store in well ventilated location and keep container closed

COMPOSITION / INFORMATION ON INGREDIENTS

MIXTURES

CAS NUMBER	% (WEIGHT)	NAME
14808-60-7		Graded Sand
471-34-1		Calcium Carbonate
65997-15-1		Portland Cement
68131-74-8		Fly Ash
93763-70-3		Perlite
Not Available		Ingredients Non Hazardous

FIRST AID MEASURES

DESCRIPTION OF FIRST AID MEASURES

EYE CONTACT	Wash out immediately with clean water, ensuring complete irrigation of eyes, moving eyes side to side Seek medical attention immediately
SKIN CONTACT	Remove all contaminated clothing Wash out immediately with clean water with soap, if available If irritation persists seek medical help
INHALATION	Lay patient down keeping them warm and rested Remove any prostheses which may block airways Apply artificial respiration if not breathing (CPR) Seek medical attention immediately
INGESTION	DO NOT SWALLOW If vomiting occurs, lean patient forward and place left side to maintain open airways Do not give patient liquid if they have signs of sleepiness or reduced awareness Rinse out mouth out with water and then proceed to providing liquid slowly Seek medical attention immediately

FIREFIGHTING MEASURES

EXTINGUISHING MEDIA

FIRE INCOMPATIBILITY	None known
FIRE FIGHTING	Alert Fire Brigade and tell them location and nature of hazard Wear breathing apparatus and protective gloves Prevent spillage from entering drains or water drains Use firefighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray If safe to do so, remove containers from path of fire
FIRE/EXPLOSION HAZARD	Noncombustible. Not considered a significant fire risk, however containers may burn. Decomposition may produce toxic fumes of: nitrogen oxides (NOx)

ACCIDENTAL RELEASE MEASURES

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP

MINOR SPILLS	Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal.
MAJOR SPILLS	Clear area of personnel.



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	<p>Alert Fire Brigade and tell them location and nature of hazard.</p> <p>Control personal contact with the substance, by using protective equipment as required.</p> <p>Prevent spillage from entering drains or water ways.</p> <p>Contain spill with sand, earth or vermiculite.</p> <p>Collect recoverable product into labelled containers for recycling</p>
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HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

SAFE HANDLING	<p>Wear protective clothing when risk of exposure occurs and use in a well ventilated area</p> <p>Avoid contact with incompatible materials and keep containers securely sealed</p> <p>When handling do not eat, drink or smoke</p> <p>Do not allow clothing wet with material to stay in contact with skin</p>
OTHER INFORMATION	<p>Store in original containers and keep containers securely sealed and check for leaks</p> <p>Store in a cool, dry, well-ventilated area</p> <p>Store away from incompatible materials and foodstuff containers</p>

CONDITIONS FOR SAFE STORAGE AND INCOMPATIBILITIES

SUITABLE CONTAINER	<p>Polyethylene or polypropylene container and check all containers are clearly labelled and free from leaks</p> <p>Packing as recommended by manufacturer.</p>
STORAGE INCOMPATIBILITY	None known

EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENTS DATA

SOURCE	INGREDIENTS	MATERIAL NAME	TW	STEL	PEAK	NOTES
Australian Exposure Standards	Graded Sand	Silica	0.1mg/m ³	Not Available	Not Available	Not Available
Australian Exposure Standards	Calcium Carbonate	Calcium Carbonate	10mg/m ³	Not Available	Not Available	Not Available
Australian Exposure Standards	Portland Cement	Portland Cement	10mg/m ³			

EMERGENCY LIMITS

INGREDIENTS	MATERIAL NAME	TEEL-1	TEEL-2	TEEL-3
Graded Sand	Silica (Silicon Dioxide)	0.025 mg/m ³	0.025 mg/m ³	0.025 mg/m ³
Calcium Carbonate	Limestone (Calcium Carbonate)	27 mg/m ³	27 mg/m ³	1,300 mg/m ³
Calcium Carbonate	Carbonic Acid	45 mg/m ³	210 mg/m ³	1300 mg/m ³

INGREDIENTS	ORIGINAL IDLH	REVISED IDLH
Graded Sand	N.E mg/m ³ /N.E ppm	50 mg/m ³
Calcium Carbonate	Not Available	Not Available
Portland Cement	N.E mg/m ³ /N.E ppm	5000 mg/m ³
Fly Ash	Not Available	Not Available
Ingredients determined not to be hazardous	N.E. mg/m ³ / N.E. ppm	Not Available




EXPOSURE CONTROLS

APPROPRIATE ENGINEERING CONTROLS	<p>Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard</p> <p>Process controls which involve changing the way a job activity or process is done to reduce the risk</p> <p>Enclosure and/or isolation of emission source which keeps a selected hazard away from the worker and ventilation that strategically removes air in the work environment. Ventilation can remove or dilute an air contaminant. The design of a ventilation system must match the particular process and chemical or contaminant in use.</p> <p>Employers may need to use multiple types of controls to prevent employee overexposure</p>
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PERSONAL PROTECTION	  
EYE AND FACE PROTECTION	Safety glasses with side shields. Chemical goggles Contact lenses may pose a special hazard In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable
SKIN PROTECTION	See hand protection below
HAND AND FEET PROTECTION	Wear chemical protective gloves, e.g. PVC. Wear safety footwear or safety gumboots, e.g. Rubber
BODY PROTECTION	See other protection below
OTHER PROTECTION	Overalls, Barrier cream and eyewash unit
THERMAL HAZARDS	Not Available

PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	White or grey powder, miscible with water		
PHYSICAL STATE	Divided Solid	RELATIVE DENSITY (WATER=1)	Not Available
ODOR	Not Available	PARTITION COEFFICIENT N-OCTANOL/WATER	Not Available
ODOR THRESHOLD	Not Available	AUTO IGNITION TEMPERATURE (°C)	Not Available
PH	Not Available	DECOMPOSITION TEMPERATURE	Not Available
MELTING POT / FREEZING POINT (°C)	Not Available	VISCOSITY (CST)	Not Available
INITIAL BOILING POINT AND BOILING RANGE (°C)	Not Available	MOLECULAR WEIGHT 9G/MOL)	Not Available
FLASH POINT (°C)	Not Available	TASTE	Not Available
EVAPORATION RATE	Not Available	EXPLOSIVE PROPERTIES	Not Available
FLAMMABILITY	Not Available	OXIDISING PROPERTIES	Not Available
UPPER EXPLOSIVE LIMIT (%)	Not Available	SURFACE TENSION (DYN/CM OR MN/M)	Not Available
LOWER EXPLOSIVE LIMIT (%)	Not Available	VOLATILE COMPONENT (%VOL)	Not Available
VAPOUR PRESSURE (KPA)	Not Available	GAS GROUP	Not Available
SOLUBILITY IN WATER (G/L)	Miscible	PH AS SOLUTION (1%)	Not Available
VAPOUR DENSITY (AIR=1)	Not Available	VOC G/L	Not Available

STABILITY AND REACTIVITY

REACTIVITY	See Handling and Storage
CHEMICAL STABILITY	Unstable in the presence of incompatible materials Product is considered stable Hazardous polymerisation will not occur
POSSIBILITY OF HAZARDOUS REACTION	See Handling and Storage
CONDITIONS TO AVOID	See Handling and Storage
INCOMPATIBLE MATERIALS	See Handling and Storage
HAZARDOUS DECOMPOSITION PRODUCTS	See Firefighting Measures

TOXICOLOGICAL INFORMATION

INFORMATION ON TOXICOLOGICAL EFFECTS

INHALE	Acute effects from inhalation of high vapour concentrations may be chest and nasal irritation with coughing, sneezing, headache and even nausea. Inhalation of vapour is more likely at higher than normal temperatures.
INGESTION	Accidental ingestion of the material may be damaging to the health of the individual.
SKIN CONTACT	There is some evidence to suggest that this material can cause inflammation of the skin on contact in some persons.
EYE	There is some evidence to suggest that this material can cause eye irritation and damage in some persons.
CHRONIC	There is limited evidence that, skin contact with this product is more likely to cause asensitisation reaction in some persons compared to the general population



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Decomix Fine Grade, Decomix Coarse Grade, Decomix Dry Prep Patch, Decomix High Build Low Weight, Decomix High Bond Strength, Decomix Fibre Reinforced and Decomix Mix Easy 100	TOXICITY	IRRITATION
	Not Available	Not Available

GRADED SAND	TOXICITY	IRRITATION
	Not Available	Not Available
CALCIUM CARBONATE	TOXICITY	IRRITATION
	Dermal (rat) LD50:>2000 mg/1/4hr ^[1]	Eye (rat) 0.75 mg/24hr ^[1] Severe
	Oral (rat) LD50:>2000 mg/1/4hr ^[1]	Skin (rat) 500 mg/24hr ^[1] Moderate
PORTLAND CEMENT	TOXICITY	IRRITATION
	Not Available	Not Available
FLY ASH	Not Available	Not Available

CALCIUM CARBONATE	<p>Asthma-like symptoms may continue for months or even years after exposure to the material ends. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur after exposure to high levels of highly irritating compound. Main criteria for diagnosing RADS include the absence of previous airways disease in a non-atopic individual, with sudden onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. Other criteria for diagnosis of RADS include a reversible airflow pattern on lung function tests, moderate to severe bronchial hyperactivity on methacholine challenge testing, and the lack of minimal lymphocytic inflammation, without eosinophilia. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. On the other hand, industrial bronchitis is a disorder that occurs as a result of exposure due to high concentrations of irritating substance (often particles) and is completely reversible after exposure ceases. The disorder is characterized by difficulty breathing, cough and mucus production. The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis. No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects</p>
PORTLAND CEMENT	<p>Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. Key criteria for the diagnosis of RADS include the absence of preceding respiratory disease, in a non-atopic individual, with abrupt onset of persistent asthma-like symptoms within minutes to hours of a documented exposure to the irritant. A reversible airflow pattern, on spirometry, with the presence of moderate to severe bronchial hyperreactivity on methacholine challenge testing and the lack of minimal lymphocytic inflammation, without eosinophilia, have also been included in the criteria for diagnosis of RADS. RADS (or asthma) following an irritating inhalation is an infrequent disorder with rates related to the concentration of and duration of exposure to the irritating substance. Industrial bronchitis, on the other hand, is a disorder that occurs as result of exposure due to high concentrations of irritating substance (often particulate in nature) and is completely reversible after exposure ceases. The disorder is characterised by dyspnea, cough and mucus production. No significant acute toxicological data identified in literature search.</p>
GRADED SAND & FLY ASH	No significant acute toxicological data identified in literature search.



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ACUTE TOXICITY	No	CARCINOGENICITY	No
SKIN IRRITATION/CORROSION	Yes	REPRODUCTIVITY	No
SERIOUS EYE DAMAGE/IRRITATION	Yes	STOT – SINGLE EXPOSURE	No
RESPIRATORY OR SKIN SENSITISATION	Yes	STOT – REPEATED EXPOSURE	No
MUTAGENICITY	No	ASPIRATION HAZARD	No

ECOLOGICAL INFORMATION

TOXICITY

	ENDPOINT	TEST DURATION	SPECIES	VALUE	SOURCE
CALCIUM CARBONATE	LC50	96	Fish	>56000mg/l	4
	EC50	72	Aquatic Plants	>14mg/l	2
	NOEC	72	Aquatic Plants	14 mg/l	2
FLY ASH	ENDPOINT	TEST DURATION	SPECIES	VALUE	SOURCE
	LC50	96	Fish	>100mg/l	2
	EC50	48	Crustacea	>100mg/l	2
	EC50	72	Aquatic Plants	>100mg/l	2
	EC20	72	Aquatic Plants	1.81mg/l	2
NOEC	336	Fish	40mg/l	2	
WATER	ENDPOINT	TEST DURATION	SPECIES	VALUE	SOURCE
	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

PERSISTENCE AND DEGRADABILITY

INGREDIENT	PERSISTENCE: WATER/SOIL	PERSISTENCE: AIR
	Not Available	Not Available

INGREDIENT	BIOACCUMULATIVE
	Not Available

INGREDIENT	MOBILITY
	Not Available

DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS

PRODUCT/PACKAGING DISPOSAL	Recycle wherever possible or consult manufacturer for recycling options Consult State Land Waste Management Authority for disposal Bury residue in an authorised landfill Recycle containers if possible, or dispose of in an authorised landfill
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TRANSPORT INFORMATION

LABELS REQUIRED

MARINE POLLUTANT	No
HAZCHEM	Not Applicable
LAND TRANSPORT	Not regulated for transport of dangerous goods
AIR TRANSPORT	Not regulated for transport of dangerous goods
SEA TRANSPORT	Not regulated for transport of dangerous goods



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REGULATORY INFORMATION

CALCIUM CARBONATED (471-34-1)

Australian Exposure Standards	Australia Inventory of Chemical Substance (ASIS)
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PORTLAND CEMENT (65997-15-1)

Australian Exposure Standards	Australia Inventory of Chemical Substance (ASIS)
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FLY ASH (68131-74-8)

Australian Inventory of Chemicals (ASIC)	Australia Inventory of Chemical Substance (ASIS)
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NATIONAL INVENTORY

STATUS

Australia	Yes
Canada	Yes
China	Yes
Europe	Yes
Japan	No (Portland Cement)
Korea	Yes
New Zealand	Yes
Philippines	No (Portland Cement)
USA	Yes

OTHER INFORMATION

INGREDIENTS WITH MULTIPLE CAS NUMBERS

NAME	CAS NUMBER
CALCIUM CARBONATE	471-34-1, 13397-26-7, 15634-14-7, 1317-65-3, 72608-12-9, 878759-26-3, 63660-97-9, 459411-10-0, 198352-33-9, 146358-95-4

NOTE:

Acrylon Industries Pty Ltd, its staff and distributors will not accept responsibility for any failure caused as a result of factors beyond our control including but not limited to onsite handling, preparation or application of this product. Application of this product should only be performed by qualified trades people trained in the use of this type of product. Information supplied in this publication is based on our testing and experience and is given in good faith. Suitability of this product should be independently determined prior to use. Warranty is limited to the replacement of any materials proven to be faulty. Acrylon Industries Pty Ltd will not warrant job defects caused as a result of but not limited to, structural/substrate movement or entrapped moisture.