

Record of Group Standard Allocation (Compliance Record) for: Allco Mastic Asphalt Paving Grades



Substance		Composition				Assessment - How	
NAME	Allco Mastic Asphalt Paving Grades	CAS #	conc in %	HSNO or GHS classes	NZIoC	Assessor	Assessment - How
Code	NA	ingredients not contributing to GHS classes	mixture	1.0000	mixture - classification not contributing to GHS classes	NA	Assessor: Birgit Rahm Date: 16 April 2024
Alt name	Polymer modified Mastic Asphalt, ShieldFLEX P -- Paving, ShieldFLEX R						Sources: EPA CCID
Supplier	Allco Waterproofing Solutions						Status: Legal under HSNO
Use	Hot applied coloured mastic asphalt						
UN	NA						
Packing group	NA						
UN Desc	NA						
DG class	NA						
subsidiary risk	NA						
Limited quantities	NA						
HAZCHEM	NA						
Appearance	black solid (as ambient temperature)						
Odour	bitumen odour						
Viscosity	no data						
pH	no data						
Specific gravity/density	2.0-2.4 at 15°C						
solubility	negligible in water						
Explosive limits	no LEL or UEL						
Vapour Pressure	negligible at 20°C						
Boiling point	softens above 60°C						
Flashpoint	>300°C						
Melting point	>300°C						
		Comment	non hazardous				Type of approval: non hazardous Approval No: non hazardous Approval Description: non hazardous

Type	Data (reviewed for mixture and ingredients)	GHS Classes
Explosive		
Class 1	No ingredients are explosive	NA
Flammable		
Flammable gas	not a gas	NA
Flammable liquid	non flammable	NA
Flammable solid	not a solid	NA
Oxidising		
Oxidising liquid or solid	Not oxidising	NA
Organic peroxide	No organic peroxides	NA
Toxic/Corrosive		
Acute toxicity (oral)	ATE >2000mg/kg, not triggered	NA
Acute toxicity (dermal)	ATE >2000mg/kg, not triggered	NA
Acute toxicity (inhalation)	ATE >5mg/L, not triggered	NA
Skin corr./irritation	not considered irritating	NA
Eye damage/irritation	not considered irritating	NA
Sensitisation	no evidence of sensitisation	NA
Mutagenicity	no evidence of mutagenicity	NA
Carcinogenicity	Bitumen may contain substances including polyaromatic hydrocarbons (PAHs), some types of which have been associated with cancer. However, long-term studies of bitumen and asphalt workers have not demonstrated any increased cancer risk from the use of these products, and bitumen has been classified by IARC as Group 3, Not classifiable as to its carcinogenicity to humans.	NA
Reproductive/Developmental toxicity	No evidence of repr tox	NA
System Target Organ Toxicity	Paving grades of asphalt contain aggregates including silica, which is classified for repeated exposure toxicity because of the possibility of lung damage (silicosis) from long term inhalation. This silica is not normally inhalable/respirable when the asphalt is being applied.	NA
Ecotoxic		
Aquatic ecotoxicity	no evidence of aquatic ecotoxicity	NA
Terrestrial ecotoxicity	no evidence	NA
Biocidal action	not biocidal	NA

CONTROLS			
Control	Required?	Limit	Comment
SDS required?	no	not required	
Certified handlers required?	no	not required	
Level 3 plan required?	no	not required	
Hazardous substances atmosphere zone?	no	not required	
Fire extinguishers required?	no	not required	
Signage required?	no	not required	
Tracking required?	no	not required	
Hazardous substance Location compliance certificate ?	no	not required	
comment			
appear to contain mainly bitumen which is non hazardous			
NZ Workplace Exposure Standards			
Ingredient	WES - 8 hr	STEL	EEL
Total dust (nuisance)	10 mg/kg	NA	
ingredients not contributing to GHS classes	not established	not established	not established