	Record of Group St	andard Allocation (C	Compliance	e Record) for	: Allco Mastic Asphalt Pavin	g Grades		() D	atachem
Subs	stance				Composition			Assessment	- How
IAME	Allco Mastic Asphalt Paving Grades		CAS#	conc in %	HSNO or GHS classes	NZIoC	Assessor		Birgit Rahm
ode	NA	ingredients not contributing to GHS classes	mixture	1.0000	mixture - classification not contributing to GHS classes	NA	Date		16 April 2024
It name	Polymer modified Mastic Asphalt, ShieldFLEX P – Paving, ShieldFLEX R						Sources		EPA CCID
upplier	Allco Waterproofing Solutions						Status		Legal under HSNO
se	Hot applied coloured mastic asphalt							Classifica	ion
N	NA						HSNO classes - for information only	GHS 7 class	Hazard statement
acking group	NA						NA NA		
IN Desc	NA						NA		
OG class	NA						NA		
ubsidiary risk	NA						NA		
imited quantities	NA						NA		
HAZCHEM	NA						NA		
Appearance	black solid (as ambient temperature)						NA		
dour	bitumen odour						NA		
iscosity	no data						NA NA		
ecific gravity/density	no data 2.0-2.4 at 15°C						NA NA		
olubility	negligible in water						NA NA		
xplosive limits	no LEL or UEL						NA NA		
apour Pressure	negligible at 20°C						NA NA		
oiling point	softens above 60°C						NA NA		
lashpoint	>300°C						Type of approval		non hazardous
lelting point	>300°C						Approval No		non hazardous
			non hazardous						
		Comment	ilon nazarasas				Approval Description		non hazardous
уре	Data (reviewed for mixture and ingred		GHS Classes		CONTROLS		Approvar Description		HOT Hazarous
xplosive	Data (reviewed for mixture and ingred		GHS Classes	7	Control			Limit	Comment
ixplosive class 1	Data (reviewed for mixture and ingred				Control SDS required?		Required?	Limit not required	
ixplosive lass 1 lammable	No ingredients are explosive		GHS Classes		Control SDS required? Certified handlers required?		Required?	not required not required	
ixplosive lass 1 lammable lammable gas	No ingredients are explosive		GHS Classes NA		Control SDS required? Certified handlers required? Level 3 plan required?		Required?	not required not required not required	
xplosive lass 1 lammable lammable gas lammable liquid	No ingredients are explosive not a gas non flammable		GHS Classes NA NA NA NA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone?		Required? no no no no	not required not required not required not required	
ixplosive class 1 lammable lammable gas lammable liquid lammable solid	No ingredients are explosive		GHS Classes NA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required?		Required? no no no no	not required not required not required not required not required not required	
ixplosive ilass 1 lammable lammable gas lammable liquid lammable solid bxidising	No ingredients are explosive not a gas non flammable not a solid		GHS Classes NA NA NA NA NA NA NA N		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required?		Required? no no no no no no	not required	
xiplosive lass 1 lammable lammable gas lammable liquid lammable solid boxidising xidising liquid or solid	No ingredients are explosive not a gas non flammable not a solid Not oxidising		CHS Classes NA NA NA NA NA NA NA N		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required?		Required? no no no no no no no	not required	
izplosive Ilass 1 Iammable Iammable gas Iammable liquid Iammable solid Victising Victising Ilquid or solid Viganic peroxide	No ingredients are explosive not a gas non flammable not a solid		GHS Classes NA NA NA NA NA NA NA N		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required?	licate ?	Required? no no no no no no	not required	
izplosive lass 1 lammable lammable gas lammable liquid lammable solid bxidising bxidising liquid or solid rganic peroxide oxic/Corrosive	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides		IGHS Classes NA NA NA NA NA NA NA NA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certi		Required? no no no no no no no	not required	
izplosive lass 1 lammable lammable gas lammable liquid lammable solid bzidising zxidising liquid or solid rganic peroxide oxic/Corrosive cute toxicity (oral)	No ingredients are explosive not a gas non flammable not a solid Not oxidering No organic peroxides ATE >2000mg/kg, not triggered		GHS Classes NA NA NA NA NA NA NA N		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required?		Required? no no no no no no no	not required	
izplosive ilass 1 lammable jas lammable liquid lammable liquid lammable solid vicidising vicidising vicidising liquid or solid viganic peroxide oxic/Corrosive cutle toxicity (oral) cutle toxicity (dermal)	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >2000mg/kg, not triggered		GHS Classes NA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certi		Required? no no no no no no no	not required	
Explosive Ialsas 1 Iammable gas Iammable gas Iammable liquid Iammable solid Dictifising Dictifising Dictifising liquid or solid Triganic peroxide Dictification oxici Corrosive Cucte toxicity (oral) Cucte toxicity (dermal) Cucte toxicity (inhalation)	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >5000mg/kg, not triggered ATE >5000mg/kg, not triggered		GHS Classes NA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compilance certificomment appear to contain mainly bitumen which is non hazar		Required? no no no no no no no	not required	
isplosive lass 1 lammable lammable gas lammable liquid lammable solid vidising vidising liquid or solid rganic peroxide oxic/Corrosive cute toxicity (oral) cute toxicity (dermal) cute toxicity (inhalation) kin corriferiation	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >5mg/L, not triggered not considered irritating		INA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certificomment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards		Required? no	not required	Comment
isplosive lass 1 lammable lammable gas lammable liquid lammable solid sidising sidising sidising sidising liquid or solid trganic peroxide coxic/Corrosive cute toxicity (oral) cute toxicity (dermal) cute toxicity rinfalation) kin corrirritation	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >5mg/L, not triggered not considered irritating not considered irritating		INA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certified to the comment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient		Required? no	not required	
isplosive lass 1 lammable lammable gas lammable liquid lammable solid laxidising xidising liquid or solid rganic peroxide oxic/Corrosive cute toxicity (oral) cute toxicity (dermal) cute toxicity (inhalation) kin corrifiration ye damage/irritation ensitisation ensitisation	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >5mg/L, not triggered aTE >5mg/L, not triggered not considered irritating not considered irritating no oxidisere of sensitisation		INA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certicomment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient Total dust (nuisance)		Required? no	not required	Comment
isplosive lass 1 lammable gas lammable liquid lammable solid solidising	No ingredients are explosive not a gas non flammable not a solid Not oxidising Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >5000mg/kg, not triggered not considered irritating not considered irritating no evidence of sensitisation no evidence of mutagenicity	dients)	INA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certified to the comment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient		Required? no	not required	Comment
xplosive lass 1 lammable lammable gas ammable liquid ammable liquid ammable solid xidisling xidisling xidisling liquid or solid granic peroxide boxic/Corrosive cute toxicity (oral) cute toxicity (dermal) cute toxicity (inhalation) kin corr/irritation lye damage/irritation ensitisation utagenicity	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >5mg/L, not triggered aTE >5mg/L, not triggered not considered irritating not considered irritating no oxidisere of sensitisation	ng polyaromatic hydrocarbons (PAHs) ed with cancer. However, long-term have not demonstrated any increased	INA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certicomment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient Total dust (nuisance)		Required? no	not required	Comment
Explosive Liass 1 lammable lammable gas lammable liquid lammable liquid lammable solid zoidising zoidid zoidic Corrosive coute toxicity (oral) coute toxicity (dermal) coute toxicity (dermal) coute toxicity (inhalation) Skin corrifritation yes damage/irritation ensitisation futtagenicity zarcinogenicity	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >5000mg/kg, not triggered ATE >5000mg/kg, not triggered not considered irritating not considered irritating no evidence of sensitisation no evidence of sensitisation no evidence of sensitisation some types of which have been association studies of blumen and asphalf workers is cancer risk from the use of these produc IARC as Group 3, Not classifiable as to it	ng polyaromatic hydrocarbons (PAHs) ed with cancer. However, long-term have not demonstrated any increased	INA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certicomment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient Total dust (nuisance)		Required? no	not required	Comment
Explosive Class 1 Flammable Flammable gas Flammable solid Oxidising Oxidising Oxidising Oxidising Ilquid or solid Oxidising Oxidising Ilquid or solid Oxidising Oxidis	No ingredients are explosive not a gas non flammable not a solid Not oxidsing No organic peroxides ATE >2000mg/kg, not triggered ATE >5000mg/kg, not triggered not considered irritating not considered irritating no evidence of sensitisation no evidence of mutagenicity Bitumen may contain substances includi some types of which have been associat studies of bitumen and asphalt workers it cancer risk from the use of these produc	ing polyaromatic hydrocarbons (PAHs) ed with cancer. However, long-term wave not demonstrated any increased sts, and bitumen has been classified by ts carcinogenicity to humans.	IGHS Classes INA INA INA INA INA INA INA INA INA I		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certicomment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient Total dust (nuisance)		Required? no	not required	Comment
Explosive Class 1 Flammable Flammable gas Flammable gus Flammable solid Oxidising Oxid	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >5000mg/kg, not triggered ATE >5000mg/kg, not triggered ATE >5000mg/kg, not triggered ATE >5000mg/kg, not triggered not considered irritating not considered irritating not considered irritating no evidence of sensitisation no evidence of sensitisation no evidence of mutagenicity Bitumen any contain substances includi some types of which have been associati studies of bitumen and asplat workers is cancer risk from the use of these produc IARC as Group 3, Not classifiable as to it No evidence of repr tox Paving grades of asphalt contain aggregi for repeated exposure toxicity because of (silicosis) from long term inhalation. This	ing polyaromatic hydrocarbons (PAHs) ed with cancer. However, long-term wave not demonstrated any increased sts, and bitumen has been classified by ts carcinogenicity to humans.	IGHS Classes INA INA INA INA INA INA INA INA INA I		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certicomment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient Total dust (nuisance)		Required? no	not required	Comment
Explosive Class 1 Flammable Flammable gas Flammable ilquid Flammable by the control of the contr	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >2000mg/kg, not triggered ATE >2000mg/kg, not triggered ATE Sengli, not triggered not considered irritating not considered irritating not evidence of sensitisation no evidence of sensitisation no evidence of mutaganicity Bitumen may contain substances includi some types of which have been associal studies of bitumen and asphalt workers i cancer risk from the use of these produc IARC as Group 3, Not classifiable as to it No evidence of repr tox Paving grades of asphalt contain aggreg for repeated exposure toxicity because of (silicosis) from long term inhalation. This inhalable/respirable when the asphalt is b	ing polyaromatic hydrocarbons (PAHs) ed with cancer. However, long-term wave not demonstrated any increased sts, and bitumen has been classified by ts carcinogenicity to humans.	IGHS Classes INA INA INA INA INA INA INA INA INA I		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certicomment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient Total dust (nuisance)		Required? no	not required	Comment
Type Explosive Class 1 Flammable Flammable gas Flammable glud Flammable solid Oxidishing Oxidishing liquid or solid Organic peroxide Toxic:Corrosive Acute toxicity (oral) Acute toxicity (oral) Acute toxicity (inhalation) Skin conribritation Expedimagnitation Sensitiation Mutagenicity Carcinogenicity Reproductive/Developmental toxicity System Target Organ Toxicity Ecotoxic Aquatic ecotoxicity Ecotoxic Aquatic ecotoxicity Birocidal action	No ingredients are explosive not a gas non flammable not a solid Not oxidising No organic peroxides ATE >2000mg/kg, not triggered ATE >2000mg/kg, not triggered ATE >5000mg/kg, not triggered ATE >5mg/L, not triggered not considered irritating not considered irritating not evidence of sensilisation no evidence of sensilisation no evidence of mutagenicity Bitumen may contain substances includi some types of which have been associat studies of bitumen and asphalt workers I cancer risk from the use of these produc IARC as Group 3, Not classifiable as to it No evidence of repr tox Paving grades of asphalt contain aggreg for repeated exposure toxicity because of (silicosis) from long term inhalation. This inhalable/respirable when the asphalt is to	ing polyaromatic hydrocarbons (PAHs) ed with cancer. However, long-term wave not demonstrated any increased sts, and bitumen has been classified by ts carcinogenicity to humans.	IGHS Classes INA		Control SDS required? Certified handlers required? Level 3 plan required? Hazardous substances atmosphere zone? Fire extinguishers required? Signage required? Tracking required? Hazardous substance Location compliance certicomment appear to contain mainly bitumen which is non hazar NZ Workplace Exposure Standards Ingredient Total dust (nuisance)		Required? no	not required	Comment