

ID#:	3773066	User making request:	N/A
Fax:		Phone:	
Email:		Date Created:	11/04/2019
Date Assessment Reviewed	04/01/2021	Next Review Date:	04/01/2022
Material Code:	51047	Tradename:	BITUKOLD.
Supplier:	COLAS LIMITED	IMC:	
Keyword:	Binder (Bitumen)	Frequency of use:	Daily
Approximately how much of the material is used by one person in one working day:	500ml	How many people are directly exposed?:	2-5
Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	
Are there any susceptible workers?:	No	Susceptible Categories:	
Other info:		Is this material being used outside of the normal temperature range?:	No
Additional work practices:			
Existing Control measures:			
Exp Limit	Potassium hydroxide 2mg/m3 15mSTEL WEL, Rosin 0.05mg/m3 8hTWA 0.15mg/m3 15mSTEL WEL		
Notes	Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification. Contains Rosin. May produce an allergic reaction. Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.		

Files Uploaded

File Name

Activities

Act No.	Method	Area	Exposure
4	Hand applying	Outside	Up to 1/2 hour per shift
29	Hand applying	Confined Space	Up to 1/2 hour per shift

Work Area

Work Area Code	Sub Area Code
TELECOMS	

Safer Substitute Chosen No Reason for leaving/swapping material

MATERIAL/PROCESS

HEALTH HAZARDS

CONSIDERATIONS

BITUKOLD.

MEDIUM HAZARD

LIQUID

SUPPLIER

COLAS LIMITED

KEYWORD

Binder (Bitumen)

CONTENTS

Calcium chloride 1 - < 2.5%, bentonite 1 - < 2.5%, Rosin 1 - < 2.5%, Potassium hydroxide 0 - < 1%, 1,2-benzisothiazol-3(2H)-one 0 - < 1%, Bitumen,

SIGNAL WORD

WARNING

EXP LIMIT

Potassium hydroxide 2mg/m3 15mSTEL WEL,
Rosin 0.05mg/m3 8hTWA 0.15mg/m3

Causes serious eye irritation

Causes skin irritation

May cause an allergic skin reaction

Skin - possible irreversible effects from prolonged contact if personal cleanliness ignored

May cause ill health if ingested in quantity

Harmful to aquatic life with long lasting effects



METHOD

Hand applying

AREA

Outside

EXPOSURE TIME

Up to 1/2 hour per shift

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS OVERALLS



POLYTHENE OR NITRILE



BS EN166



WASH AFTER USE



AT END OF SHIFT



CLOSE ALL CONTAINERS



SENSITISER/ACUTE HAZARD

SPILLAGE

Ventilate area

Wear heavy duty impervious gloves

Suitable eye protection must be worn

Wear respiratory protection for large spills in poorly ventilated areas

Wear protective overalls & chemical proof footwear

Absorb in sand or inert absorbent material

Small spills - wipe up with cloth

Collect into a container, close lid

Dispose or recycle of spillages in a controlled manner - Refer to Hazardous Waste Regulations if appropriate

FIRST AID

In case of allergic reaction/anaphylactic shock call for immediate assistance from trained first aiders

Inhalation - remove to fresh air; get immediate medical attention after significant exposure or if feeling ill

Ingestion - do not induce vomiting, wash out mouth with water

If feeling unwell consult your doctor immediately

Eye - rinse thoroughly with water for 20 minutes - take care not to affect uncontaminated eye. If irritation persists then consult a doctor

Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor

Do not try to remove any adhering bitumen.

FIRE

Isolated small scale fire:

Water fog - carbon dioxide - powder - foam - inert material

Do not use water jet

Large fire: evacuate area, call fire brigade or follow site procedure

Wear self-contained breathing apparatus and protective clothing

ACTIVITY COMMENTS

This assessment was compiled by Alcumus Sypol Limited from supplier's safety data sheets where appropriate. Safety in the use of assessments is the responsibility of the subscriber. For advice call the helpdesk on 01296 678464

Printed 15/04/2021



MATERIAL/PROCESS

HEALTH HAZARDS

CONSIDERATIONS

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KEYWORDBinder (Bitumen)

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METHODHand applying

AREAConfined Space

EXPOSURE TIMEUp to 1/2 hour per shift

SPILLAGE

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY

MONITOR O2 LEVEL

IMPERVIOUS OVERALLS

POLYTHENE OR NITRILE

PROTECTIVE FOOTWEAR

BS EN166

AND

LEV AND

EN137 OR 14593/14594

WASH AFTER USE

AT END OF SHIFT

CLOSE ALL CONTAINERS

SENSITISER/ACUTE HAZARD

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Wear respiratory protection for large spills in poorly ventilated areas
Wear protective overalls & chemical proof footwear
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MATERIAL/PROCESS

BITUKOLD.

SUPPLIER

COLAS LIMITED

KEYWORD


Binder (Bitumen)

SIGNAL WORD

WARNING

MEDIUM HAZARD

LIQUID



HIGH ACUTE RISK - FULL EXPOSURE

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CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS OVERALLS



POLYTHENE OR NITRILE



BS EN166





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MATERIAL/PROCESS

BITUKOLD.


SUPPLIERCOLAS LIMITED

KEYWORDBinder (Bitumen)

SIGNAL WORDWARNING

MEDIUM HAZARD

LIQUID



METHODHand applying

AREAConfined Space

EXPOSURE TIMEUp to 1/2 hour per shift

ACTIVITY COMMENTSSefer to Confined Spaces Regulations 1997 and your specific Confined Spaces Risk Assessment for further requirements.

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

HIGH ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



















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REQUEST DETAILS	#ID:	3773066	User making request:	N/A
MATERIAL DETAILS	Material Code:	51047	<div>HIGH UNCONTROLLED ACUTE RISK</div> <div>HIGH UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div>	
Tradename:	BITUKOLD.			
IMC:	Supplier:	COLAS LIMITED		



ACTIVITY DETAILS			
Act No.	Method	Area	Exposure
4	Hand applying	Outside	Up to 1/2 hour per shift
29	Hand applying	Confined Space	Up to 1/2 hour per shift

SCENARIO DETAILS	Additional work practices:			
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Are any other people put at risk from indirect exposure?:	No	How are they exposed?:		
Are there any susceptible workers?:	No	Susceptible Categories:		

WORK AREA	Sub Area Code
Work Area Code	
TELECOMS	

OTHER INFORMATION

Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification.
Contains Rosin. May produce an allergic reaction. Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

CONSIDERATIONS	Answer
 Has the elimination or substitution of this material been considered?	YES
 Are procedures to ensure the maintenance of controls in place?	YES