

ID#:	4175368	User making request:	Andy White
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Email:	Andy.White@morrisonus.com	Date Created:	23/12/2020
Date Assessment Reviewed	23/12/2020	Next Review Date:	23/12/2021
Material Code:	75593	Tradename:	PY4 WG POWDER & RESIN.
Supplier:	INSTARMAC GROUP LTD	IMC:	
Keyword:	Resin	Frequency of use:	Daily
Approximately how much of the material is used by one person in one working day:	100kgs	How many people are directly exposed?:	2-5
Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	Mixing Up in tub to be laid to affix a manhole.
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	Respirable silica 0.1mg/m3 8hTWA WEL, Dibenzoyl peroxide 5mg/m3 8hTWA WEL, Styrene 430mg/m3 8hTWA 1080mg/m3 15mSTEL WEL, Quartz (SiO2) (non respirable fraction) 10mg/m3 Inhal8hTWA 4mg/m3 Resp8hTWA WEL		
Notes	Full tradenames: A: 'PY4 WG Powder' & B: 'PY4/5 Resin'  Classification based upon contents stated within supplier's safety data sheet rather than upon supplier's classification. Manually  Contains Dibenzoyl peroxide. May produce an allergic reaction.		

Files Uploaded

File Name

Activities

Act No.	Method	Area	Exposure
2	Mixing	Outside	2 to 4 hours per shift
3	Hand applying	Outside	2 to 4 hours per shift

Work Area

Work Area Code	Sub Area Code
TELECOMS	

Safer Substitute Chosen No Reason for leaving/swapping material

MATERIAL/PROCESS

PY4 WG POWDER & RESIN.

MEDIUM HAZARD

MULTI PACK

SUPPLIER


INSTARMAC GROUP LTD

KEYWORD

Resin


CONTENTS


A: Dibenzoyl peroxide 1 - 10%, A: Quartz (SiO2) (non respirable fraction) 90 - 100%, A: Respirable silica < 10%, B: N,N-diethylaniline < 1%, B: Styrene 30 - 60%,




HEALTH HAZARDS

Flammable liquid and vapour  
Harmful if inhaled  
Causes serious eye irritation  
May cause respiratory irritation  
Causes skin irritation  
Causes damage to organs through prolonged or repeated exposure  
May cause an allergic skin reaction  
Suspected of damaging the unborn child  
Potential for ototoxic effects that may cause hearing loss  
May cause ill health if ingested in quantity  
Prolonged inhalation may lead to long term lung damage  
Very toxic to aquatic life  
Very toxic to aquatic life with long lasting effects








SIGNAL WORD


DANGER


EXP LIMIT


Respirable silica 0.1mg/m3 8hTWA WEL,  
Dibenzoyl peroxide 5mg/m3 8hTWA WEL,


CONSIDERATIONS














METHOD

Mixing

AREA

Outside

EXPOSURE TIME

2 to 4 hours per shift

SPILLAGE

Mark the area and warn all personnel  
Ventilate area and exclude all sources of ignition  
Wear butyl or viton gloves  
Suitable eye protection must be worn  
Suitable respiratory protection must be worn  
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


HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE


MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY


CONTROL MEASURES




IMPERVIOUS OVERALLS




BUTYL OR VITON




BS EN166




AND




LEV OR




FILTER TYPE A2P3




WASH AFTER USE




IF SOILED



CLOSE ALL CONTAINERS



SWEEP OR VACUUM




FLAMMABLE / SENSITISER

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

FIRE

Isolated small scale fire:  
Carbon dioxide - foam  
Do not use water  
Large fire: evacuate area, call fire brigade or follow site procedure  
Wear self-contained breathing apparatus and protective clothing




Alcumus®  
Safer, Healthier, Stronger

ACTIVITY COMMENTS

Mixing components of multipack material prior to use

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



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DATE ASSESSMENT REVIEWED 23/12/2020

LATEST SAFETY DATA SHEET REFERENCE

25/11/2014

MATERIAL/PROCESS

PY4 WG POWDER & RESIN.

MEDIUM HAZARD

MULTI PACK

SUPPLIER


INSTARMAC GROUP LTD

KEYWORD

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CONSIDERATIONS





SIGNAL WORD

DANGER

EXP LIMIT

Respirable silica 0.1mg/m3 8hTWA WEL,  
Dibenzoyl peroxide 5mg/m3 8hTWA WEL,

METHOD Hand applying

AREA Outside

EXPOSURE TIME 2 to 4 hours per shift

SPILLAGE

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HIGH CHRONIC RISK - FULL EXPOSURE


CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY


MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY




IMPERVIOUS OVERALLS




BUTYL OR VITON




BS EN166




AND




LEV OR




FILTER TYPE A2




WASH AFTER USE



IF SOILED



CLOSE ALL CONTAINERS




FLAMMABLE / SENSITISER

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ACTIVITY COMMENTS

Application of mixed material.

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Printed 15/04/2021



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MATERIAL/PROCESS

PY4 WG POWDER & RESIN.



SUPPLIERINSTARMAC GROUP LTD

KEYWORDResin

SIGNAL WORD DANGER

MEDIUM HAZARD

MULTI PACK



METHODMixing

AREAA Outside

EXPOSURE TIME2 to 4 hours per shift

ACTIVITY COMMENTSMixing components of multipack material prior to use

HIGH ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

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SWEEP OR VACUUM



FLAMMABLE / SENSITISER

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METHODHand applying

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ACTIVITY COMMENTS

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HIGH CHRONIC RISK - FULL EXPOSURE

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REQUEST DETAILS	#ID:	4175368	User making request:	Andy White
MATERIAL DETAILS	Material Code:	75593	<div>HIGH UNCONTROLLED ACUTE RISK</div> <div>HIGH UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div>	
Tradename:	PY4 WG POWDER & RESIN.			
IMC:	Supplier:	INSTARMAC GROUP LTD		





ACTIVITY DETAILS			
Act No.	Method	Area	Exposure
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3	Hand applying	Outside	2 to 4 hours 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?:	Mixing Up in tub to be laid to affix a manhole.	
Are there any susceptible workers?:	No	Susceptible Categories:		

WORK AREA	Sub Area Code
Work Area Code	
TELECOMS	

OTHER INFORMATION

Full tradenames: A: 'PY4 WG Powder' & B: 'PY4/5 Resin' <br>Classification based upon contents stated within supplier's safety data sheet rather than upon supplier's classification. Manually <br>Contains Dibenzoyl peroxide. May produce an allergic reaction.

CONSIDERATIONS	Answer
 Have you considered all components used in this task?	YES
 Has the elimination or substitution of this material been considered?	YES
 If available, have you considered purchasing pre-diluted or pre-mixed products?	YES
 Have you implemented the use of the engineering controls before resorting to the use of RPE?	YES



Have users been informed, instructed and trained in the use of the relevant risk control measures?

YES



Are all personnel provided with necessary RPE, suitably trained in its correct use, maintenance, and storage and been fit tested where required?

YES



Are procedures to ensure the maintenance of controls in place?

YES



Are procedures to conduct exposure monitoring in place?

YES



Are procedures to undertake skin checks in place?

YES



Are procedures in place to undertake tests for ototoxic effects?

YES



Are procedures to undertake chest X-Ray's in place?

YES



Are specific records for inspection of control measures, exposure monitoring health and/or surveillance suitably maintained?

YES



Have all actions to be taken in the event of an emergency been considered?

YES



Are First Aiders trained in the specific First Aid requirements for this material?

YES



Is the fire response team trained in the specific fire fighting requirements for this material?

YES