

ID#:	3746352	User making request:	Jason Metcalfe
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Email:	jason.metcalfe@morrisonus.com	Date Created:	12/03/2019
Date Assessment Reviewed	04/01/2021	Next Review Date:	04/01/2022
Material Code:	173446	Tradename:	RESIN PACK 6C KIT
Supplier:	ALH SYSTEMS LTD	IMC:	
Keyword:	Resin	Frequency of use:	Daily
Approximately how much of the material is used by one person in one working day:	1000ml	How many people are directly exposed?:	1
Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	Sealing of cabinet bases in an external environment.
Are there any susceptible workers?:	No	Susceptible Categories:	
Other info:		Is this material being used outside of the normal temperature range?:	Yes
Additional work practices:	Ensure mixed in well ventilated areas and ensure required quantities are not exceeded to minimise exposure and reduce waste.		
Existing Control measures:	Maintain good hygiene at all times. Ensure suitable PPE is worn, protective clothing, gloves and RPE. Smoking is not permitted		
Exp Limit	Diphenylmethane-4,4'-diisocyanate (MDI), blending of isomers and homologues 0.02mg/m3 8hTWA 0.07		
Notes	This assessment has been compiled on the premise that the user has considered alternative methods of working under the hierarchy of control in accordance with the COSHH Regulations and/or the Carcinogens Directive and deemed them not practicable. Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification. Contains Diphenylmethane-4,4'-diisocyanate (MDI), blending of isomers and homologues. May produce an allergic reaction.		

Files Uploaded

File Name
6c0resin.pdf

Activities

Act No.	Method	Area	Exposure
3	Hand applying	Outside	1/2 to 2 hours per shift
4	Mixing	Outside	Up to 1/2 hour per shift
5	Pouring	Outside	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

CONSIDERATIONS

RESIN PACK 6C KIT

MEDIUM HAZARD

LIQUID

SUPPLIER

ALH SYSTEMS LTD

KEYWORD

Resin

CONTENTS

Diphenylmethane-4,4'-diisocyanate (MDI), blending of isomers and homologues 10 - 30%,



HEALTH HAZARDS

Causes skin irritation
May cause an allergic skin reaction
Causes serious eye irritation
May cause allergy or asthma symptoms or breathing difficulties if inhaled
Suspected of causing cancer
May cause damage to organs through prolonged or repeated exposure through inhalation
May cause respiratory irritation
May cause ill health if ingested in quantity



SIGNAL WORD

DANGER

EXP LIMIT

Diphenylmethane-4,4'-diisocyanate (MDI), blending of isomers and homologues



METHOD

Hand applying

AREA

Outside

EXPOSURE TIME

1/2 to 2 hours per shift

MEDIUM ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS OVERALLS



POLYTHENE OR NITRILE



BS EN166



WASH AFTER USE



IF SOILED



CLOSE ALL CONTAINERS



SENSITISER/ACUTE HAZARD

SPILLAGE

Ventilate area
Wear polythene or nitrile 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



FIRST AID

In case of allergic reaction/anaphylactic shock call for immediate assistance from trained first aiders
Inhalation - remove immediately from area, call medical assistance and administer oxygen in severe cases
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:
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

Contains isocyanates. May produce an allergic reaction. Persons sensitised to isocyanates should avoid exposure to this material

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 16/04/2021

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SIGNAL WORD

DANGER

EXP LIMIT

Diphenylmethane-4,4'-diisocyanate (MDI), blending of isomers and homologues

METHOD

Mixing

AREA

Outside

EXPOSURE TIME

Up to 1/2 hour per shift

MEDIUM ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY



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SIGNAL WORDDANGER

EXP LIMITDiphenylmethane-4,4'-diisocyanate (MDI), blending of isomers and homologues

METHODPouring

AREAAOutside

EXPOSURE TIMEUp to 1/2 hour per shift

MEDIUM ACUTE RISK - FULL EXPOSURE

HIGH CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

MEDIUM CHRONIC RISK - INDIVIDUAL ACTIVITY



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MATERIAL/PROCESS

RESIN PACK 6C KIT



SUPPLIERALH SYSTEMS LTD

KEYWORDResin

SIGNAL WORDDANGER

MEDIUM HAZARD

LIQUID



METHODHand applying

AREAAOutside

EXPOSURE TIME1/2 to 2 hours per shift

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MEDIUM ACUTE RISK - FULL EXPOSURE

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SENSITISER/ACUTE HAZARD

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MATERIAL/PROCESS

RESIN PACK 6C KIT



SUPPLIERALH SYSTEMS LTD

KEYWORDResin

SIGNAL WORDDANGER

MEDIUM HAZARD

LIQUID



METHODMixing

AREAAOutside

EXPOSURE TIMEUp to 1/2 hour per shift

ACTIVITY COMMENTSDANGER

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HIGH CHRONIC RISK - FULL EXPOSURE

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SIGNAL WORDDANGER

MEDIUM HAZARD

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METHODPouring

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REQUEST DETAILS	#ID:	3746352	User making request:	Jason Metcalfe
MATERIAL DETAILS	Material Code:	173446	<div>MEDIUM UNCONTROLLED ACUTE RISK</div> <div>HIGH UNCONTROLLED CHRONIC RISK</div> <div>LOW CONTROLLED ACUTE/CHRONIC RISK</div>	
Tradename:	RESIN PACK 6C KIT			
IMC:	Supplier:	ALH SYSTEMS LTD		

Act No.	Method	Area	Exposure
3	Hand applying	Outside	1/2 to 2 hours per shift
4	Mixing	Outside	Up to 1/2 hour per shift
5	Pouring	Outside	Up to 1/2 hour per shift

SCENARIO DETAILS	Additional work practices:	Ensure mixed in well ventilated areas and ensure required quantities are not exceeded to minimise exposure and reduce waste.			
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Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	Sealing of cabinet bases in an external environment.		
Are there any susceptible workers?:	No	Susceptible Categories:			

WORK AREA	Sub Area Code
Work Area Code	
TELECOMS	

OTHER INFORMATION

This assessment has been compiled on the premise that the user has considered alternative methods of working under the hierarchy of control in accordance with the COSHH Regulations and/or the Carcinogens Directive and deemed them not practicable. Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification. Contains Diphenylmethane-4,4'-diisocyanate (MDI), blending of isomers and homologues. May produce an allergic reaction.

CONSIDERATIONS	Answer
<div></div> Have you considered all components used in this task?	YES
<div></div> Has the elimination or substitution of this material been considered? No alternative available	YES
<div></div> If available, have you considered purchasing pre-diluted or pre-mixed products?	YES



Are appropriate organisational control measures to minimise hazardous exposure undertaken?

YES



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

YES



Are procedures to ensure the maintenance of controls in place?

YES



Are procedures to undertake skin checks in place?

Occupational health checks carried

YES



Are procedures to undertake urine tests for Diphenylmethane-4,4'-diisocyanate (MDI), blending of isomers and homologues in place.

YES

1 μmol isocyanate-derived diamine/mol creatinine in urine [at the end of the period of exposure]

MUS has an occupational health provider to carry out checks



Are procedures to undertake lung function tests in place?

MUS has an occupational health provider to carry out checks

YES



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

YES



Have users been informed, instructed and trained in the specific hazards for this material?

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