EXPOSURE SCENARIO REPORT www.alcumusgroup.com 4015003 **User making request:** ID#: Dorrett Bryan Phone: 01438 903752 Fax: dorrett.bryan@morrisonus.com **Date Created:** 19/03/2020 Email: **Date Assessment Reviewed** 15/04/2021 **Next Review Date:** 15/04/2022 **Material Code:** 112455 Tradename: **RESIN PACK 14B PART B** Supplier: ALH SYSTEMS LTD IMC: **Keyword:** Frequency of use: Daily Isocyanate Approximately how much of the material is How many people are directly exposed?: 2-5 30kg used by one person in one working day: Are any other people put at risk from How are they exposed?: No indirect exposure?: 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** 4,4'-methylenediphenyl-diisocyanate 0.02mg/m3 8hTWA 0.07mg/m3 15mSTEL WEL

Notes Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification

Files Uploaded

File Name

6BnNj6fW.pdf

merged0document0229.pdf

Activities

Method Act No. Area Exposure

4 2 to 4 hours per shift Hand applying Outside

Work Area

Work Area Code Sub Area Code

TELECOMS

Safer Substitute Chosen No Reason for leaving/swapping material

www.alcumusgroup.com **SUMMARY SHEET**

FACILITY TELECOMS MAIN **TELECOMS SUB** 112455

MATERIAL/PROCESS

RESIN PACK 14B PART B

MEDIUM HAZARD

ALH SYSTEMS LTD **SUPPLIER KEYWORD** Isocyanate

CONTENTS

4,4'-methylenediphenyl-diisocyanate 30 - 50%,



HEALTH HAZARDS

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Causes serious eye irritation

May cause respiratory irritation

Causes skin irritation

May cause an allergic skin reaction

Suspected of causing cancer

May cause damage to organs through prolonged or repeated exposure



CONSIDERATIONS



METHOD Hand applying

CONTROL MEASURES

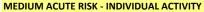
AREA Outside **EXPOSURE TIME** 2 to 4 hours per shift

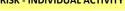
HIGH CHRONIC RISK - FULL EXPOSURE

4,4'-methylenediphenyl-diisocyanate

0.02mg/m3 8hTWA 0.07mg/m3 15mSTEL







EXP LIMIT







BS EN166

SIGNAL WORD DANGER





WASH AFTER

EXPOSURE

FIRST AID

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

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

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

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

Skin - wash with soap/cleanser and rinse with water

If irritation persists then consult a doctor









IMPERVIOUS

OVERALLS

MEDIUM ACUTE RISK - FULL EXPOSURE

CLOSE ALL **CONTAINERS**



POLYTHENE OR

NITRILE

SENSITISER/AC **UTE HAZARD**

FIRE

Isolated small scale fire:

Carbon dioxide - powder - foam - inert material

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 15/04/2021



www.alcumusgroup.com **WORKER REFERENCE SHEET**

FACILITY TELECOMS MAIN **TELECOMS SUB** 112455

MATERIAL/PROCESS

RESIN PACK 14B PART B

ALH SYSTEMS LTD **SUPPLIER**

KEYWORD Isocyanate SIGNAL WORD DANGER







METHOD Hand applying

AREA Outside

EXPOSURE TIME 2 to 4 hours per shift

HIGH CHRONIC RISK - FULL EXPOSURE

ACTIVITY COMMENTS

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

CONTROL MEASURES

MEDIUM ACUTE RISK - INDIVIDUAL ACTIVITY

HIGH CHRONIC RISK - INDIVIDUAL ACTIVITY



MEDIUM ACUTE RISK - FULL EXPOSURE

















IMPERVIOUS OVERALLS

POLYTHENE OR NITRILE

BS EN166

WASH AFTER **EXPOSURE**

IF SOILED

CLOSE ALL CONTAINERS

SENSITISER/ACUTE HAZARD

HEALTH HAZARDS

May cause allergy or asthma symptoms or breathing difficulties if inhaled

Causes serious eye irritation

May cause respiratory irritation

Causes skin irritation

May cause an allergic skin reaction

Suspected of causing cancer

May cause damage to organs through prolonged or repeated exposure



This worker sheet was compiled by Alcumus Sypol Limited from the full assessment. Refer to the full assessment for further information regarding all aspects of safe use. For advice call the helpdesk on 01296 678464

Printed 15/04/2021



DATE ASSESSMENT REVIEWED 15/04/2021 LATEST SAFETY DATA SHEET REFERENCE 09/06/2011 **CONTROL SHEET** www.alcumusgroup.com

4015003 User making request: Dorrett Bryan **REQUEST DETAILS** #ID:

112455 **MATERIAL DETAILS Material Code:** MEDIUM UNCONTROLLED ACUTE RISK

Tradename: **RESIN PACK 14B PART B** HIGH UNCONTROLLED CHRONIC RISK

LOW CONTROLLED ACUTE/CHRONIC RISK

Supplier: IMC: ALH SYSTEMS LTD

ACTIVITY DETAILS

Method Act No. Area **Exposure**

2 to 4 hours per shift 4 Hand applying Outside

SCENARIO DETAILS Additional work practices:

Approximately how much of the material is How many people are 2-5 30kg Frequency of use: Daily used by one person in one working day: directly exposed?:

Are any other people put at risk from indirect No How are they exposed?: exposure?:

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

(CONSIDERATIONS		Answer
	4⇒	Has the elimination or substitution of this material been considered?	YES
		Have users been informed, instructed and trained in the use of the relevant risk control measures?	YES



YES Are procedures to ensure the maintenance of controls in place?



Are procedures to undertake skin checks in place?

YES

	Are procedures to undertake urine tests for 4,4'-methylenediphenyl-diisocyanate in place. 1 µmol isocyanate-derived diamine/mol creatinine in urine [at the end of the period of exposure]	YES
*	Are procedures to undertake lung function tests in place?	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
A	Are First Aiders trained in the specific First Aid requirements for this material?	YES
1	Is the fire response team trained in the specific fire fighting requirements for this material?	YES