

ID#:	4078702	User making request:	Samuel Hart
Fax:		Phone:	07971102829
Email:	Samuel.Hart@morrisonts.co.uk	Date Created:	26/06/2020
Date Assessment Reviewed	26/06/2020	Next Review Date:	26/06/2025
Material Code:	291146	Tradename:	FIREBREAK 33 FIRE RESISTANT SILICONE SEA
Supplier:	NEUTRON FIRE TECHNOLOGIES LTD.	IMC:	
Keyword:	Silicone Sealant	Frequency of use:	Daily
Approximately how much of the material is used by one person in one working day:	1/2 container	How many people are directly exposed?:	1
Are any other people put at risk from indirect exposure?:	No	How are they exposed?:	Application of sealant at points of utilities penetrations in building
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:	As per manufacturers guidance		
Exp Limit	Methanol266mg/m3TWA333mg/m3STEL WEL sk, Tetraethyl orthosilicate 44mg/m3 8hTWA 5ppm 8hTWA WEL, Dioctyltin oxide 0.1mg/m3 8hTWA 0.2mg/m3 15mSTEL WEL		
Notes	Classification is based on the contents stated in the suppliers safety data sheet rather than the suppliers classification. Contains 3-aminopropyl (methyl) silsesquioxanes, ethoxy-terminated. May produce an allergic reaction.		

Files Uploaded

File Name
SI1As1g8.pdf

Activities

Act No.	Method	Area	Exposure
5	Gun applying	Inside Well Ventilated	1/2 to 2 hours per shift
6	Gun applying	Outside	1/2 to 2 hours per shift

Work Area

Work Area Code	Sub Area Code
TELECOMS	

Safer Substitute Chosen	Reason for leaving/swapping material

MATERIAL/PROCESS

CONSIDERATIONS

FIREBREAK 33 FIRE RESISTANT SILICONE SEA

MEDIUM HAZARD

SEMI-SOLID



SUPPLIER

NEUTRON FIRE TECHNOLOGIES LTD.

KEYWORD

Silicone Sealant

CONTENTS

3-aminopropyl (methyl) silsesquioxanes, ethoxy-terminated < 2%, Dioctyltin oxide < 1%, Tetraethyl orthosilicate < 1%, Methanol released on curing.

SIGNAL WORD

WARNING

EXP LIMIT

Methanol266mg/m3TWA333mg/m3STEL  
WEL sk, Tetraethyl orthosilicate 44mg/m3

HEALTH HAZARDS

May cause an allergic skin reaction  
May cause ill health if ingested in quantity  
May cause eye irritation



METHOD

Gun applying

AREA

Inside Well Ventilated

EXPOSURE TIME

1/2 to 2 hours per shift

LOW ACUTE RISK - FULL EXPOSURE

LOW CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

LOW ACUTE RISK - INDIVIDUAL ACTIVITY

LOW CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS  
OVERALLS



POLYTHENE OR  
NITRILE



IF CONTACT  
LIKELY



WASH AFTER  
USE



IF SOILED



CLOSE ALL  
CONTAINERS



SENSITISER

SPILLAGE

Ventilate area  
Wear polythene or nitrile gloves  
Wear eye protection if contact likely  
Wear respiratory protection for large spills in poorly ventilated areas  
Wear protective overalls & chemical proof footwear  
Scoop or scrape up and place in suitable container  
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 - irrigate with water until irritation subsides; if irritation persists then consult a doctor  
Skin - wash with soap/cleanser and rinse with water; if irritation persists then consult a doctor  
High pressure injection of material into skin - get immediate medical attention

FIRE

Isolated small scale fire:  
Water fog - carbon dioxide - powder - foam  
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

MATERIAL/PROCESS

CONSIDERATIONS

FIREBREAK 33 FIRE RESISTANT SILICONE SEA

MEDIUM HAZARD

SEMI-SOLID



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METHOD

Gun applying

AREA

Outside

EXPOSURE TIME

1/2 to 2 hours per shift

LOW ACUTE RISK - FULL EXPOSURE

LOW CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

LOW ACUTE RISK - INDIVIDUAL ACTIVITY

LOW CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS  
OVERALLS



POLYTHENE OR  
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IF CONTACT  
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WASH AFTER  
USE



IF SOILED



CLOSE ALL  
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ACTIVITY COMMENTS

MATERIAL/PROCESS

FIREBREAK 33 FIRE RESISTANT SILICONE SEA

MEDIUM HAZARD

SEMI-SOLID



SUPPLIER

NEUTRON FIRE TECHNOLOGIES LTD.

KEYWORD

Silicone Sealant

SIGNAL WORD

WARNING

METHODGun applying

AREAINside Well Ventilated

EXPOSURE TIME1/2 to 2 hours per shift

ACTIVITY COMMENTS

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LOW CHRONIC RISK - FULL EXPOSURE

CONTROL MEASURES

LOW ACUTE RISK - INDIVIDUAL ACTIVITY

LOW CHRONIC RISK - INDIVIDUAL ACTIVITY



IMPERVIOUS OVERALLS



POLYTHENE OR NITRILE



IF CONTACT LIKELY





WASH AFTER USE



IF SOILED



CLOSE ALL CONTAINERS



SENSITISER

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MATERIAL/PROCESS

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MEDIUM HAZARD

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KEYWORD

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SIGNAL WORD

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METHODGun applying

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IMPERVIOUS OVERALLS



POLYTHENE OR NITRILE



IF CONTACT LIKELY





WASH AFTER USE



IF SOILED



CLOSE ALL CONTAINERS



SENSITISER

HEALTH HAZARDS

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REQUEST DETAILS	#ID:	4078702	User making request:	Samuel Hart
MATERIAL DETAILS	Material Code:	291146	LOW UNCONTROLLED ACUTE RISK LOW UNCONTROLLED CHRONIC RISK LOW CONTROLLED ACUTE/CHRONIC RISK	
Tradename:	FIREBREAK 33 FIRE RESISTANT SILICONE SEA			
IMC:	Supplier:	NEUTRON FIRE TECHNOLOGIES LTD.		




ACTIVITY DETAILS			
Act No.	Method	Area	Exposure
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SCENARIO DETAILS	Additional work practices:			
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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 3-aminopropyl (methyl) silsesquioxanes, ethoxy-terminated. May produce an allergic reaction.

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



Are procedures to undertake skin checks 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



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

YES