

## **Dryseal COSHH Assessments based on Manufacturers' Material Safety Data Sheets**

### **Purpose**

To present the essential information from Material Safety Data Sheets (MSDS) in a common format and include aspects relevant to the approved method for applying the Dryseal system.

### **Introduction**

The COSHH assessments are based on the routine approved method for installing the Dryseal system, in accordance with the Dryseal Technical Manual. They contain the key elements extracted from the original Material Safety Data Sheets (MSDS) and presented in a common format. The original material safety data sheets can run to over 10 pages per material and are in different presentational formats depending on their origin.

### **Using these COSHH Assessments**

These COSHH assessments have been drawn up to reflect the approved method for installing the Dryseal System. It is the contractor's responsibility to ensure that the assessments are still fit for purpose and reflect the actual methods used in regard to the specifics of the project. They should be reviewed by the contractor as part of their overall risk assessment plan for the project.

### **Other Hazards Relating to Dryseal**

Inhalation of potentially harmful dust may be generated as a result of cutting, trimming etc. dependent upon the method used. This may also irritate exposed skin causing a rash-like inflammation. These problems can be controlled by the use of a suitable dust extraction and / or personal protective equipment.

Possible foodstuff tainting effect. This can occur if sheet comes into direct contact or very close proximity to foodstuffs.

## Fire Hazards

Dryseal components are manufactured from fire retardant resins and therefore will not ignite easily. However, burning can occur at high temperatures, which may result in the generation of toxic and corrosive fumes.







## Handling

All Dryseal components may have sharp edges, which can cut into the hands. Industrial gloves are recommended to be worn by those handling GRP at all times.


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## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>AC1</b>	<b>Stock</b> Adhesive / Sealant Compound <b>Description:</b> POLYSEAL 40 Grey 310ml tubes			
<b>Material:</b>	Polyseal 40	<b>Transport</b>	UN None		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Sealant		
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Sealant		
<b>MSDS Issue date:</b>	Jul-13	<b>MSDS last checked:</b> Dec-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3) Harmful / Irritant					
					
Harmful / Irritant	N / A	N / A	N / A	N / A	N / A
<b>Critical Temperature</b>	<b>&gt;61 °C</b>	<b>Risk Level</b> Normal	<b>Low</b>	<b>Risk Level</b> Abnormal	<b>Medium</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	42 52/53	May cause sensitisation by inhalation. Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. No known pregnancy / nursing hazard.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	2 23 24/25 45 46 51 63	Keep out of the reach of children. Do not breathe gas / fumes / vapour / spray. Avoid contact with skin and eyes. In case of accident or if you feel unwell seek medical advice immediately (show the label where possible). If swallowed, seek medical advice immediately and show this container or label. Use only in well-ventilated areas. In case of accident by inhalation: remove casualty to fresh air and keep at rest.			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
<b>Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)</b>		-			
<b>Assessor:</b> Ian Middleton			<b>Date:</b> 02-Dec-20		
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					


# Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>AC1</b>	<b>Stock</b> Adhesive / Sealant Compound <b>Description:</b> POLYSEAL 40 Grey 310ml tubes	
<b>Material:</b>	Polyseal 40	<b>Material type</b>	Sealant
<b>Supplier:</b>	Hambleside Danelaw	<b>Generic</b>	Sealant
<b>Main areas of use:</b>	Dryseal		
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Harmful / Irritant		
<b>WEL</b> (Work Exposure Limit) <b>TWA</b> (Time Weighted Average): (MSDS Section 8)	Diphenylmethane 4.4 di-isocyanate 0.02mg/m <sup>3</sup> , Naphtha 100mg/m <sup>3</sup>		
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	Not Applicable		
<b>Daily exposure:</b>	Low	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>Low</b>	<b>Medium</b>
<b>PPE required:</b> (MSDS Section 8)	Recommend gloves, safety specs and good ventilation		
<b>Recommendation - Material storage before use:</b> <i>In tubes</i>			
<b>Recommendation - Material use:</b> <i>Dispensed from manual skeleton gun</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>PPE recommended to be worn</i>			
<b>Recommended - Further precautions that may be necessary:</b> <b>Use in well ventilated areas</b>			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	May cause irritation or asthma like symptoms.		
Skin Contact	Causes skin irritation. Defatting to skin.		
Eye Contact	May cause irritation and redness.		
After Ingestion	May cause irritation of mouth, throat and gastrointestinal tract.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove to fresh air and keep casualty calm.	
Skin Contact	Wash off with soap and water.		
Eye Contact	Rinse open eye for several minutes under running water. Remove contact lenses if present and easy to do.		
After Ingestion	Do NOT induce vomiting. Seek immediate medical help.		
Other			
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<b>Ian Middleton</b>	<b>Date:</b> 02-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan			







## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>CAT5H</b>	<b>Stock Description:</b> MEKP Catalyst (High Active)			
<b>Material:</b>	Curox M-402	<b>Transport</b>	UN 3105		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid		
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Hardener		
<b>MSDS Issue date:</b>	Jul-20	<b>MSDS last checked:</b> Oct-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Oxidising, Corrosive, Harmful / Irritant, Long Term Health Hazard				
					
Harmful / Irritant	Flammable	Corrosive	Oxidising	Longer Term Health Hazard	N / A
<b>Critical Temperature</b>	<b>60 °C</b>	<b>Risk Level Normal</b>	<b>Medium</b>	<b>Risk Level Abnormal</b>	<b>High</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	242 302 332 314 318 361 335 412	Heating may cause a fire. Harmful if swallowed. Harmful if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. Suspected of damaging fertility or the unborn child. May cause respiratory irritation. Harmful to aquatic life with long lasting effects.			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. May impair fertility, cause damage to unborn child or breast-fed children.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	220 233 235 260 262 273 280	Keep / Store away from clothing / ... / combustible materials. Keep container tightly closed. Keep cool. Do not breathe dust / fume / gas / mist / vapours / spray. Do not get in eyes, on skin, or on clothing. Avoid release to the environment. Wear protective gloves / protective clothing / eye protection / face protection.			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
<b>Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)</b>	Trimethylpentanediol isobutyrate (CAS-No. 6846-50-0) 2-Butanone peroxide; Reaction mass of butane-2,2-diyl dihydroperoxide and dioxydibutane-2,2-diyl dihydroperoxide (CAS-No. 1338-23-4)				
<b>Assessor:</b>	<b>Ian Middleton</b>			<b>Date:</b> 23-Oct-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					

## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet


<b>Stock Code:</b>	<b>CAT5H</b>	<b>Stock Description:</b> MEKP Catalyst (High Active)	
<b>Material:</b>	Curox M-402	<b>Material type</b>	Liquid
<b>Supplier:</b>	Hambleside Danelaw	<b>Generic</b>	Hardener
<b>Main areas of use:</b>	Dryseal		
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Oxidising, Corrosive, Harmful / Irritant, Long Term Health Hazard		
<b>WEL</b> (Work Exposure Limit) <b>TWA</b> (Time Weighted Average): (MSDS Section 8)	2-Butanone, peroxide 1.5mg/m <sup>3</sup> , Diacetone alcohol 241 mg/m <sup>3</sup> , Hydrogen peroxide 1.4mg/m <sup>3</sup> , Butanone 600mg/m <sup>3</sup>		
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	No Data Available		
<b>Daily exposure:</b>	Low	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>Medium</b>	<b>High</b>
<b>PPE required:</b> (MSDS Section 8)	Face shield, Butyl rubber gloves.		
<b>Recommendation - Material storage before use:</b> <i>Keep dry. In flame resistant cupboard. Self-Accelerating Decomposition Temperature (SADT) = 60°C. Keep chemical well below this temperature.</i>			
<b>Recommendation - Material use:</b> <i>Add measured dose to dispensed resin &amp; mix in</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>Minimal exposure, PPE to be worn when using. Workers must have had COSHH awareness / chemical training prior to working with chemicals.</i>			
<b>Recommended - Further precautions that may be necessary:</b> <b>DO NOT STORE WITH ACETONE OR RESIN / TOP COAT</b>			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	May cause respiratory irritation.		
Skin Contact	Causes severe burns.		
Eye Contact	Causes serious eye damage.		
After Ingestion	May cause digestive tract burns.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor / physician if you feel unwell.	
Skin Contact		Remove / Take off immediately all contaminated clothing. Rinse cautiously with water for several minutes.	
Eye Contact		Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
After Ingestion		Call a POISON CENTER or doctor / physician if you feel unwell.	
Other		Get immediate medical advice / attention.	
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<b>Ian Middleton</b>	<b>Date:</b> 23-Oct-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan			

## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>CAT5L</b>	<b>Stock Description:</b> MEKP Catalyst (Low Active)			
<b>Material:</b>	Curox M-102	<b>Transport</b>	UN 3105		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid		
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Catalyst		
<b>MSDS Issue date:</b>	Jul-20	<b>MSDS last checked:</b> Oct-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Oxidising, Corrosive, Harmful / Irritant, Long Term Health Hazard				
					
Harmful / Irritant	Flammable	Corrosive	Oxidising	Longer Term Health Hazard	N / A
<b>Critical Temperature</b>	<b>60 °C</b>	<b>Risk Level</b> Normal	<b>Medium</b>	<b>Risk Level</b> Abnormal	<b>High</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	242 302 332 314 318 361 412	Heating may cause a fire. Harmful if swallowed. Harmful if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. Suspected of damaging fertility or the unborn child. Harmful to aquatic life with long lasting effects.			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. May impair fertility, cause damage to unborn child or breast-fed children.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	220 233 235 260 262 273 280	Keep / Store away from clothing / ... / combustible materials. Keep container tightly closed. Keep cool. Do not breathe dust / fume / gas / mist / vapours / spray. Do not get in eyes, on skin, or on clothing. Avoid release to the environment. Wear protective gloves / protective clothing / eye protection / face protection.			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
<b>Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)</b>	Trimethylpentanediol isobutyrate (CAS-No. 6846-50-0) 2-Butanone peroxide; Reaction mass of butane-2,2-diyl dihydroperoxide and dioxydibutane-2,2-diyl dihydroperoxide (CAS-No. 1338-23-4)				
<b>Assessor:</b>	<i>Ian Middleton</i>			<b>Date:</b> 23-Oct-20	
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## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet


<b>Stock Code:</b>	<b>CAT5L</b>	<b>Stock Description:</b> MEKP Catalyst (Low Active)	
<b>Material:</b>	Curox M-102	<b>Material type</b>	Liquid
<b>Supplier:</b>	Hambleside Danelaw	<b>Generic</b>	Catalyst
<b>Main areas of use:</b>	Dryseal		
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Oxidising, Corrosive, Harmful / Irritant, Long Term Health Hazard		
<b>WEL</b> (Work Exposure Limit)	2-Butanone Peroxide 1.5mg/m <sup>3</sup> (STEL)		
<b>TWA</b> (Time Weighted Average): (MSDS Section 8)			
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	No Data Available		
<b>Daily exposure:</b>	Low	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>Medium</b>	<b>High</b>
<b>PPE required:</b> (MSDS Section 8)	Face shield, Butyl rubber gloves.		
<b>Recommendation - Material storage before use:</b> <i>Keep dry. In flame resistant cupboard. Self-Accelerating Decomposition Temperature (SADT) = 60°C. Keep chemical well below this temperature.</i>			
<b>Recommendation - Material use:</b> <i>Add measured dose to dispensed resin &amp; mix in</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>Minimal exposure, PPE to be worn when using. Workers must have had COSHH awareness / chemical training prior to working with chemicals.</i>			
<b>Recommended - Further precautions that may be necessary:</b> <b>DO NOT STORE WITH ACETONE OR RESIN / TOP COAT</b>			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	May cause respiratory irritation.		
Skin Contact	Causes severe burns.		
Eye Contact	Causes serious eye damage.		
After Ingestion	May cause digestive tract burns.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor / physician if you feel unwell.	
Skin Contact		Remove / Take off immediately all contaminated clothing. Rinse cautiously with water for several minutes.	
Eye Contact		Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
After Ingestion		Call a POISON CENTER or doctor / physician if you feel unwell.	
Other		Get immediate medical advice / attention.	
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<i>Ian Middleton</i>	<b>Date:</b> 23-Oct-20	
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## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>CAT5M</b>	<b>Stock Description:</b> MEKP Catalyst (Medium Active)			
<b>Material:</b>	Curox M-312	<b>Transport</b> UN 3105			
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b> Liquid			
<b>Main areas of use:</b>	Dryseal	<b>Generic</b> Catalyst			
<b>MSDS Issue date:</b>	Jul-20	<b>MSDS last checked:</b> Oct-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Oxidising, Corrosive, Harmful / Irritant, Long Term Health Hazard				
					
Harmful / Irritant	Flammable	Corrosive	Oxidising	Longer Term Health Hazard	N / A
<b>Critical Temperature</b>	<b>57 °C</b>	<b>Risk Level Normal</b>	<b>Medium</b>	<b>Risk Level Abnormal</b>	<b>High</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	226 242 302 332 314 318 361 412	Flammable liquid and vapour. Heating may cause a fire. Harmful if swallowed. Harmful if inhaled. Causes severe skin burns and eye damage. Causes serious eye damage. Suspected of damaging fertility or the unborn child. Harmful to aquatic life with long lasting effects.			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. May impair fertility, cause damage to unborn child or breast-fed children.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	210 220 233 235 260 262 273 280	Keep away from heat / sparks / open flames / hot surfaces. – No smoking. Keep / Store away from clothing / ... / combustible materials. Keep container tightly closed. Keep cool. Do not breathe dust / fume / gas / mist / vapours / spray. Do not get in eyes, on skin, or on clothing. Avoid release to the environment. Wear protective gloves / protective clothing / eye protection / face protection.			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
<b>Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)</b>	Trimethylpentanediol isobutyrate (CAS-No. 6846-50-0) 2-Butanone peroxide; Reaction mass of butane-2,2-diyl dihydroperoxide and dioxydibutane-2,2-diyl dihydroperoxide (CAS-No. 1338-23-4)				
<b>Assessor:</b>	<b>Ian Middleton</b>			<b>Date:</b> 23-Oct-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					


## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>CAT5M</b>	<b>Stock Description:</b> MEKP Catalyst (Medium Active)	
<b>Material:</b>	Curox M-312	<b>Material type</b>	Liquid
<b>Supplier:</b>	Hambleside Danelaw	<b>Generic</b>	Catalyst
<b>Main areas of use:</b>	Dryseal		
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Oxidising, Corrosive, Harmful / Irritant, Long Term Health Hazard		
<b>WEL</b> (Work Exposure Limit)	2-Butanone, peroxide 1.5mg/m <sup>3</sup> , Diacetone alcohol 241 mg/m <sup>3</sup> , Butanone		
<b>TWA</b> (Time Weighted Average): (MSDS Section 8)	600mg/m <sup>3</sup> , Hydrogen peroxide 1.4mg/m <sup>3</sup>		
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	No Data Available		
<b>Daily exposure:</b>	Low	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>Medium</b>	<b>High</b>
<b>PPE required:</b> (MSDS Section 8)	Face shield, Butyl rubber gloves.		
<b>Recommendation - Material storage before use:</b> <i>Keep dry. In flame resistant cupboard. Self-Accelerating Decomposition Temperature (SADT) = 60°C. Keep chemical well below this temperature.</i>			
<b>Recommendation - Material use:</b> <i>Add measured dose to dispensed resin &amp; mix in</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>Minimal exposure, PPE to be worn when using. Workers must have had COSHH awareness / chemical training prior to working with chemicals.</i>			
<b>Recommended - Further precautions that may be necessary:</b> <b>DO NOT STORE WITH ACETONE OR RESIN / TOP COAT</b>			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	May cause respiratory irritation.		
Skin Contact	Causes severe burns.		
Eye Contact	Causes serious eye damage.		
After Ingestion	May cause digestive tract burns.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor / physician if you feel unwell.	
Skin Contact		Remove / Take off immediately all contaminated clothing. Rinse cautiously with water for several minutes.	
Eye Contact		Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
After Ingestion		Call a POISON CENTER or doctor / physician if you feel unwell.	
Other		Get immediate medical advice / attention.	
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<i>Ian Middleton</i>	<b>Date:</b> 23-Oct-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan			







## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>GFM100</b>	<b>Stock Description:</b> 450gm Glass Fibre Mat			
<b>Material:</b>	Glass Mat	<b>Transport</b>	UN None		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Solid		
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Glass Mat		
<b>MSDS Issue date:</b>	Mar-15	<b>MSDS last checked:</b> Dec-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3) <span style="float: right;">Not classified as hazardous</span>					
 N/A	 N/A	 N/A	 N/A	 N/A	 N/A
<b>Critical Temperature</b>	<b>800 °C</b>	<b>Risk Level</b> Normal	Low	<b>Risk Level</b> Abnormal	Low
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	0	None, or none shown on Safety Data Sheet			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	0	No known cancer hazard. No known pregnancy / nursing hazard.			
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	0	None, or none shown on Safety Data Sheet.			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
<b>Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)</b> -					
<b>Assessor:</b> <span style="color: red;">Ian Middleton</span>		<b>Date:</b> 02-Dec-20			
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					


## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>GFM100</b>	<b>Stock Description:</b> 450gm Glass Fibre Mat	
<b>Material:</b>	Glass Mat		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Solid
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Glass Mat
<b>Hazards Identification:</b> (MSDS Section 2 or 3)		Not classified as hazardous	
<b>WEL</b> (Work Exposure Limit)		Fibre glass dust 5ppm	
<b>TWA</b> (Time Weighted Average): (MSDS Section 8)		Fibre glass dust 5ppm	
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):		Not Applicable	
<b>Daily exposure:</b>	Low	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>LOW</b>	<b>LOW</b>
<b>PPE required:</b> (MSDS Section 8)	None. If sensitised wear gloves and long sleeves.		
<b>Recommendation - Material storage before use:</b> <i>Keep dry. In rolls in warehouse</i>			
<b>Recommendation - Material use:</b> <i>Applied manually with roller</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>Not required</i>			
<b>Recommended - Further precautions that may be necessary:</b> <i>None</i>			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	May be harmful if inhaled.		
Skin Contact	May cause irritation.		
Eye Contact	May cause irritation.		
After Ingestion	May cause gastrointestinal disturbances.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove to fresh air and keep casualty calm.	
Skin Contact	Wash off with soap and water.		
Eye Contact	Rinse open eye for several minutes under running water. Remove contact lenses if present and easy to do.		
After Ingestion	Do NOT induce vomiting. Seek medical help if required.		
Other			
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<b>Ian Middleton</b>	<b>Date:</b> 02-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan			







## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>GFT150</b>	<b>Stock Description:</b> Glass Fibre Tissue			
<b>Material:</b>	Glass Tissue	<b>Transport</b>	UN None		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Solid		
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Glass Tissue		
<b>MSDS Issue date:</b>	Mar-15	<b>MSDS last checked:</b> Dec-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3) <span style="float: right;"><i>Not classified as hazardous</i></span>					
 N/A	 N/A	 N/A	 N/A	 N/A	 N/A
<b>Critical Temperature</b>	<b>800 °C</b>	<b>Risk Level</b> Normal	Low	<b>Risk Level</b> Abnormal	Low
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	0	<i>None, or none shown on Safety Data Sheet</i>			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	0	<i>No known cancer hazard. No known pregnancy / nursing hazard.</i>			
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	0	<i>None, or none shown on Safety Data Sheet.</i>			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
<b>Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)</b>		-			
<b>Assessor:</b> <span style="color: red;">Ian Middleton</span>		<b>Date:</b> 02-Dec-20			
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					

# Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet


<b>Stock Code:</b>	<b>GFT150</b>	<b>Stock Description:</b> Glass Fibre Tissue	
<b>Material:</b>	Glass Tissue	<b>Material type</b>	Solid
<b>Supplier:</b>	Hambleside Danelaw	<b>Generic</b>	Glass Tissue
<b>Main areas of use:</b>	Dryseal		
<b>Hazards Identification:</b> (MSDS Section 2 or 3) <i>Not classified as hazardous</i>			
<b>WEL</b> (Work Exposure Limit) <i>Fibre glass dust 5ppm</i>			
<b>TWA</b> (Time Weighted Average): (MSDS Section 8) <i>Fibre glass dust 5ppm</i>			
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):			Not Applicable
<b>Daily exposure:</b>	Low	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>LOW</b>	<b>LOW</b>
<b>PPE required:</b> (MSDS Section 8)	<i>None. If sensitised wear gloves and long sleeves.</i>		
<b>Recommendation - Material storage before use:</b> <i>Keep dry. In rolls in warehouse</i>			
<b>Recommendation - Material use:</b> <i>Applied manually with roller</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>Not required</i>			
<b>Recommended - Further precautions that may be necessary:</b> <i>None</i>			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	May be harmful if inhaled.		
Skin Contact	May cause irritation.		
Eye Contact	May cause irritation.		
After Ingestion	May cause gastrointestinal disturbances.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove to fresh air and keep casualty calm.	
Skin Contact	Wash off with soap and water.		
Eye Contact	Rinse open eye for several minutes under running water. Remove contact lenses if present and easy to do.		
After Ingestion	Do NOT induce vomiting. Seek medical help if required.		
Other			
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<i>Ian Middleton</i>	<b>Date:</b> 02-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan			

## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet







<b>Stock Code:</b>	<b>PET20 DG</b>	<b>Stock Description:</b>	Polyester Top Coat Dark Grey 20Lt G302810020 Fireguard TC 73PAX 6283		
<b>Material:</b>	Fireguard TC 73PAX Grey 6283	<b>Transport</b>	UN 1866		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid		
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Top Coat		
<b>MSDS Issue date:</b>	Aug-18	<b>MSDS last checked:</b>	Dec-20		
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Harmful / Irritant, Long Term Health Hazard				
					
Harmful / Irritant	Flammable	N / A	N / A	Longer Term Health Hazard	N / A
<b>Critical Temperature</b>	23 °C	<b>Risk Level Normal</b>	<b>Medium</b>	<b>Risk Level Abnormal</b>	<b>High</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	226 332 319 315 317 361 335 372 412	Flammable liquid and vapour. Harmful if inhaled. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. May cause respiratory irritation. Causes damage to organs. Harmful to aquatic life with long lasting effects.			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. May impair fertility, cause damage to unborn child or breast-fed children.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	201 280 210 273 260	Obtain special instructions before use. Wear protective gloves / protective clothing / eye protection / face protection. Keep away from heat / sparks / open flames / hot surfaces. – No smoking. Avoid release to the environment. Do not breathe dust / fume / gas / mist / vapours / spray.			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
<b>Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)</b>	Contains styrene and cobalt bis(2-ethylhexanoate). May produce an allergic reaction.				
<b>Assessor:</b>	<i>Ian Middleton</i>		<b>Date:</b> 02-Dec-20		
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					




# Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>PET20 DG</b>	<b>Stock Description:</b>	Polyester Top Coat Dark Grey 20Lt G302810020 Fireguard TC 73PAX 6283	
<b>Material:</b>	Fireguard TC 73PAX Grey 6283			
<b>Supplier:</b>	Hambleside Danelaw		<b>Material type</b>	Liquid
<b>Main areas of use:</b>	Dryseal		<b>Generic</b>	Top Coat
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Harmful / Irritant, Long Term Health Hazard			
<b>WEL</b> (Work Exposure Limit) <b>TWA</b> (Time Weighted Average): (MSDS Section 8)	Styrene 430mg/m3, Cobalt Bis(2-Ethylhexanoate) 0.1mg/m3, 1-Methoxy-2-Propanol 375mg/m3, (2-Methoxymethylethoxy)Propanol 308mg/m3, Phenol 7.8mg/m3			
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	No Date Available			
<b>Daily exposure:</b>	Medium	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>	
<b>Might monitoring be required?</b>	No	<b>Medium</b>	<b>High</b>	
<b>PPE required:</b> (MSDS Section 8)	Goggles, Chemical resistant, impervious gloves when risk of splashing.			
<b>Recommendation - Material storage before use:</b> <i>Keep dry. Sealed containers on pallets in warehouse</i>				
<b>Recommendation - Material use:</b> <i>Manual application by contractor</i>				
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>PPE to be worn when open. Workers must have had COSHH awareness / chemical training prior to working with chemicals.</i>				
<b>Recommended - Further precautions that may be necessary:</b> <b>DO NOT STORE WITH CATALYST / HARDENER</b>				
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)				
After Inhalation	Harmful if inhaled. May cause respiratory irritation.			
Skin Contact	Causes skin irritation. May cause an allergic skin reaction.			
Eye Contact	Causes serious eye irritation.			
After Ingestion	No data available.			
<b>First Aid Measures</b> (MSDS Section 4)				
After Inhalation		Remove victim to fresh air and keep at rest in a position comfortable for breathing.		
Skin Contact		Remove / Take off immediately all contaminated clothing. Rinse cautiously with water for several minutes.		
Eye Contact		Rinse open eye for several minutes under running water. Remove contact lenses if present and easy to do. Seek medical help.		
After Ingestion		Do NOT induce vomiting. Rinse mouth with water. Give sips of water to drink. Seek medical help.		
Other				
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>				
<b>Assessor:</b>	<b>Ian Middleton</b>		<b>Date:</b> 02-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan				







## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>PET20 LG</b>	<b>Stock Description:</b>	Polyester Top Coat Light Grey 20Lt G302880020 Fireguard TC 73PAX 6285		
<b>Material:</b>	Fireguard TC 73PAX Grey 6285	<b>Transport</b>	UN 1866		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid		
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Top Coat		
<b>MSDS Issue date:</b>	Aug-18	<b>MSDS last checked:</b>	Dec-20		
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Harmful / Irritant, Long Term Health Hazard				
					
Harmful / Irritant	Flammable	N / A	N / A	Longer Term Health Hazard	N / A
<b>Critical Temperature</b>	23 °C	<b>Risk Level Normal</b>	<b>Medium</b>	<b>Risk Level Abnormal</b>	<b>High</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	226 332 319 315 317 361 335 372 412	Flammable liquid and vapour. Harmful if inhaled. Causes serious eye irritation. Causes skin irritation. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child. May cause respiratory irritation. Causes damage to organs. Harmful to aquatic life with long lasting effects.			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. May impair fertility, cause damage to unborn child or breast-fed children.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	201 280 210 273 260	Obtain special instructions before use. Wear protective gloves / protective clothing / eye protection / face protection. Keep away from heat / sparks / open flames / hot surfaces. – No smoking. Avoid release to the environment. Do not breathe dust / fume / gas / mist / vapours / spray.			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
<b>Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)</b>	Contains styrene and cobalt bis(2-ethylhexanoate). May produce an allergic reaction.				
<b>Assessor:</b>	<i>Ian Middleton</i>		<b>Date:</b> 02-Dec-20		
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					


# Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>PET20 LG</b>	<b>Stock Description:</b>	Polyester Top Coat Light Grey 20Lt G302880020 Fireguard TC 73PAX 6285	
<b>Material:</b>	Fireguard TC 73PAX Grey 6285			
<b>Supplier:</b>	Hambleside Danelaw		<b>Material type</b>	Liquid
<b>Main areas of use:</b>	Dryseal		<b>Generic</b>	Top Coat
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Harmful / Irritant, Long Term Health Hazard			
<b>WEL</b> (Work Exposure Limit) <b>TWA</b> (Time Weighted Average): (MSDS Section 8)	Styrene 430mg/m3, Cobalt Bis(2-Ethylhexanoate) 0.1mg/m3, 1-Methoxy-2-Propanol 375mg/m3, (2-Methoxymethylethoxy)Propanol 308mg/m3, Phenol 7.8mg/m3			
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	No Date Available			
<b>Daily exposure:</b>	Medium	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>	
<b>Might monitoring be required?</b>	No	<b>Medium</b>	<b>High</b>	
<b>PPE required:</b> (MSDS Section 8)	Goggles, Chemical resistant, impervious gloves when risk of splashing.			
<b>Recommendation - Material storage before use:</b> <i>Keep dry. Sealed containers on pallets in warehouse</i>				
<b>Recommendation - Material use:</b> <i>Manual application by contractor</i>				
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>PPE to be worn when open. Workers must have had COSHH awareness / chemical training prior to working with chemicals.</i>				
<b>Recommended - Further precautions that may be necessary:</b> <b>DO NOT STORE WITH CATALYST / HARDENER</b>				
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)				
After Inhalation	Harmful if inhaled. May cause respiratory irritation.			
Skin Contact	Causes skin irritation. May cause an allergic skin reaction.			
Eye Contact	Causes serious eye irritation.			
After Ingestion	No data available.			
<b>First Aid Measures</b> (MSDS Section 4)				
After Inhalation		Remove victim to fresh air and keep at rest in a position comfortable for breathing.		
Skin Contact		Remove / Take off immediately all contaminated clothing. Rinse cautiously with water for several minutes.		
Eye Contact		Rinse open eye for several minutes under running water. Remove contact lenses if present and easy to do. Seek medical help.		
After Ingestion		Do NOT induce vomiting. Rinse mouth with water. Give sips of water to drink. Seek medical help.		
Other				
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>				
<b>Assessor:</b>	<b>Ian Middleton</b>		<b>Date:</b> 02-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan				







## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>PLR-20 S</b>	<b>Stock Description:</b> Unsaturated Polyester Resin 20Lt Summer Grade Polynt			
<b>Material:</b>	Norsodyne H 13212 TAE	<b>Transport</b>	UN 1866		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid		
<b>Main areas of use:</b>	Dryseal, Warehouse	<b>Generic</b>	Laminating Resin		
<b>MSDS Issue date:</b>	Aug-19	<b>MSDS last checked:</b> Dec-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Harmful / Irritant, Long Term Health Hazard, Reproductive Dangers				
					
Harmful / Irritant	Flammable	N / A	N / A	Longer Term Health Hazard	N / A
<b>Critical Temperature</b>	<b>31 °C</b>	<b>Risk Level</b> Normal	<b>Medium</b>	<b>Risk Level</b> Abnormal	<b>High</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	<p>315 Causes skin irritation.</p> <p>319 Causes serious eye irritation.</p> <p>335 May cause respiratory irritation.</p> <p>361 Suspected of damaging fertility or the unborn child.</p> <p>372 Causes damage to organs.</p> <p>412 Harmful to aquatic life with long lasting effects.</p> <p>226 Flammable liquid and vapour.</p> <p>#208 Contains a sensitising substance (see the MSDS). May produce an allergic reaction.</p>	<p>This section lists the harmful effects that the substance might have on you (or the environment).</p>			
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. May impair fertility, cause damage to unborn child or breast-fed children.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	<p>210 Keep away from heat / sparks / open flames / hot surfaces. – No smoking.</p> <p>243 Take precautionary measures against static discharge.</p> <p>260 Do not breathe dust / fume / gas / mist / vapours / spray.</p> <p>273 Avoid release to the environment.</p> <p>280 Wear protective gloves / protective clothing / eye protection / face protection.</p>	<p>This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.</p>			
Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)	Contains phthalic anhydride, cobalt octoate. May produce an allergic reaction				
<b>Assessor:</b>	<i>Ian Middleton</i>			<b>Date:</b> 08-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					

## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet


<b>Stock Code:</b>	<b>PLR-20 S</b>	<b>Stock</b> Unsaturated Polyester Resin 20Lt <b>Description:</b> Summer Grade Polynt	
<b>Material:</b>	Norsodyne H 13212 TAE		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid
<b>Main areas of use:</b>	Dryseal, Warehouse	<b>Generic</b>	Laminating Resin
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Harmful / Irritant, Long Term Health Hazard, Reproductive Dangers		
<b>WEL</b> (Work Exposure Limit)	Styrene 430mg/m3, Phthalic anhydride 4mg/m3, Cobalt octate 0.1mg/m3		
<b>TWA</b> (Time Weighted Average): (MSDS Section 8)			
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	Not Available		
<b>Daily exposure:</b>	Low	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>Medium</b>	<b>High</b>
<b>PPE required:</b> (MSDS Section 8)	Goggles, Chemical resistant, impervious gloves when risk of splashing.		
<b>Recommendation - Material storage before use:</b> <i>Keep dry. Sealed containers on pallets in warehouse</i>			
<b>Recommendation - Material use:</b> <i>Manual application by contractor</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>PPE to be worn when open. Workers must have had COSHH awareness / chemical training prior to working with chemicals.</i>			
<b>Recommended - Further precautions that may be necessary:</b> <b>0</b>			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	May cause respiratory irritation. May cause an allergic reaction.		
Skin Contact	Causes skin irritation. May produce allergic skin reaction.		
Eye Contact	Causes serious eye irritation.		
After Ingestion	May cause irritation, nausea, vomiting & diarrhoea.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove victim to fresh air and keep at rest in a position comfortable for breathing.	
Skin Contact		Wash with plenty of soap and water.	
Eye Contact		Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
After Ingestion		Do NOT induce vomiting. Rinse mouth with water. Seek immediate medical help.	
Other			
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<b>Ian Middleton</b>	<b>Date:</b> 08-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan			

## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>PLR-20 W</b>	<b>Stock Description:</b> Unsaturated Polyester Resin 20Lt Winter Grade Polynt			
<b>Material:</b>	Norsodyne H 13213 TAE	<b>Transport</b>	UN 1866		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid		
<b>Main areas of use:</b>	Dryseal, Warehouse	<b>Generic</b>	Laminating Resin		
<b>MSDS Issue date:</b>	Aug-19	<b>MSDS last checked:</b> Dec-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Harmful / Irritant, Long Term Health Hazard, Reproductive Dangers				
					
Harmful / Irritant	Flammable	N / A	N / A	Longer Term Health Hazard	N / A
<b>Critical Temperature</b>	<b>31 °C</b>	<b>Risk Level</b> Normal	<b>Medium</b>	<b>Risk Level</b> Abnormal	<b>High</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	<p>315 Causes skin irritation.</p> <p>319 Causes serious eye irritation.</p> <p>335 May cause respiratory irritation.</p> <p>361 Suspected of damaging fertility or the unborn child.</p> <p>372 Causes damage to organs.</p> <p>412 Harmful to aquatic life with long lasting effects.</p> <p>226 Flammable liquid and vapour.</p> <p>#208 Contains a sensitising substance (see the MSDS). May produce an allergic reaction.</p>	<p>This section lists the harmful effects that the substance might have on you (or the environment).</p>			
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. May impair fertility, cause damage to unborn child or breast-fed children.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	<p>210 Keep away from heat / sparks / open flames / hot surfaces. – No smoking.</p> <p>243 Take precautionary measures against static discharge.</p> <p>260 Do not breathe dust / fume / gas / mist / vapours / spray.</p> <p>273 Avoid release to the environment.</p> <p>280 Wear protective gloves / protective clothing / eye protection / face protection.</p>	<p>This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.</p>			
Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008)	Contains phthalic anhydride, cobalt octoate. May produce an allergic reaction				
<b>Assessor:</b>	<b>Stuart Deas</b>			<b>Date:</b> 08-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					
					Page #N/A









# Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet


<b>Stock Code:</b>	<b>PLR-20 W</b>	<b>Stock</b> Unsaturated Polyester Resin 20Lt <b>Description:</b> Winter Grade Polynt	
<b>Material:</b>	Norsodyne H 13213 TAE		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid
<b>Main areas of use:</b>	Dryseal, Warehouse	<b>Generic</b>	Laminating Resin
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Flammable, Harmful / Irritant, Long Term Health Hazard, Reproductive Dangers		
<b>WEL</b> (Work Exposure Limit)	Styrene 430mg/m3, Phthalic anhydride 4mg/m3, Cobalt octate 0.1mg/m3		
<b>TWA</b> (Time Weighted Average): (MSDS Section 8)			
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	Not Available		
<b>Daily exposure:</b>	Low	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>Medium</b>	<b>High</b>
<b>PPE required:</b> (MSDS Section 8)	Goggles, Chemical resistant, impervious gloves when risk of splashing.		
<b>Recommendation - Material storage before use:</b> <i>Keep dry. Sealed containers on pallets in warehouse</i>			
<b>Recommendation - Material use:</b> <i>Manual application by contractor</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>PPE to be worn when open. Workers must have had COSHH awareness / chemical training prior to working with chemicals.</i>			
<b>Recommended - Further precautions that may be necessary:</b> 0			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	May cause respiratory irritation. May cause an allergic reaction.		
Skin Contact	Causes skin irritation. May produce allergic skin reaction.		
Eye Contact	Causes serious eye irritation.		
After Ingestion	May cause irritation, nausea, vomiting & diarrhoea.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove victim to fresh air and keep at rest in a position comfortable for breathing.	
Skin Contact		Wash with plenty of soap and water.	
Eye Contact		Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
After Ingestion		Do NOT induce vomiting. Rinse mouth with water. Seek immediate medical help.	
Other			
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<b>Stuart Deas</b>	<b>Date:</b> 08-Dec-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan			



## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>SC5 and SC25</b>	<b>Stock Description:</b> Solvent Cleaning Solution			
<b>Material:</b>	Acetone (5 or 25 litre)	<b>Transport</b>	UN 1090		
<b>Supplier:</b>	Hambleside Danelaw	<b>Material type</b>	Liquid		
<b>Main areas of use:</b>	Dryseal	<b>Generic</b>	Acetone		
<b>MSDS Issue date:</b>	May-16	<b>MSDS last checked:</b> Oct-20			
<b>Hazards Identification:</b> (MSDS Section 2 or 3) <span style="float: right;">Highly Flammable, Irritant</span>					
					
Harmful / Irritant	Flammable	N / A	N / A	N / A	N / A
<b>Critical Temperature</b>	-20 °C	<b>Risk Level</b> Normal	<b>Medium</b>	<b>Risk Level</b> Abnormal	<b>High</b>
<b>Risk or Hazard Phrases:</b> (MSDS Section 2)	11 36 66 67 225 319 336	Highly flammable. Irritating to eyes. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness. Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.			
This section lists the harmful effects that the substance might have on you (or the environment).					
<b>Cancer / Pregnancy / Nursing</b>	No known cancer hazard. No known pregnancy / nursing hazard.				
<b>Safety or Precautionary Phrases:</b> (MSDS Section 2)	210 243 280	Keep away from heat / sparks / open flames / hot surfaces. – No smoking. Take precautionary measures against static discharge. Wear protective gloves / protective clothing / eye protection / face protection.			
This section lists the precautions that you must take to reduce the risks of harm. Where the number ends in an "x", see the MSDS for further details.					
Hazardous component(s) to be indicated on label (Regulation (EC) No. 1272/2008) -					
<b>Assessor:</b> <i>Ian Middleton</i>		<b>Date:</b> 20-Oct-20			
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan					

## Dryseal COSHH Assessment Sheet based on Material Safety Data Sheet

<b>Stock Code:</b>	<b>SC5 and SC25</b>	<b>Stock Description:</b> Solvent Cleaning Solution	
<b>Material:</b>	Acetone (5 or 25 litre)	<b>Material type</b>	Liquid
<b>Supplier:</b>	Hambleside Danelaw	<b>Generic</b>	Acetone
<b>Main areas of use:</b>	Dryseal		
<b>Hazards Identification:</b> (MSDS Section 2 or 3)	Highly Flammable, Irritant		
<b>WEL</b> (Work Exposure Limit)			
<b>TWA</b> (Time Weighted Average): (MSDS Section 8)	Acetone 500ppm, 1210mg/m3		
<b>Lower Explosion Limit</b> (Lower Flammability Limit)(%):	2.6%		
<b>Daily exposure:</b>	Medium	<small>Normal risk level for STANDARD usage:</small>	<small>Risk level for ABNORMAL conditions:</small>
<b>Might monitoring be required?</b>	No	<b>Medium</b>	<b>High</b>
<b>PPE required:</b> (MSDS Section 8)	Goggles, Butyl rubber gloves (note - nitrile gloves dissolve)		
<b>Recommendation - Material storage before use:</b> <i>Keep dry. In flame resistant cupboard</i>			
<b>Recommendation - Material use:</b> <i>Apply with clean lint free cloth</i>			
<b>Recommended precautions to be in place for normal operations (All workers must be trained before handling hazardous materials):</b> <i>Minimal quantities on site, authorised containers only. Workers must have had COSHH awareness / chemical training prior to working with chemicals.</i>			
<b>Recommended - Further precautions that may be necessary:</b> <b>DO NOT STORE OR MIX WITH CATALYST / HARDENER</b>			
<b>Expected Symptoms &amp; Effects</b> (MSDS Section 4)			
After Inhalation	No data available.		
Skin Contact	No data available.		
Eye Contact	No data available.		
After Ingestion	No data available.		
<b>First Aid Measures</b> (MSDS Section 4)			
After Inhalation		Remove to fresh air and keep casualty calm.	
Skin Contact		Remove contaminated clothing. Wash skin with soap and water. Seek medical help if symptoms persist.	
Eye Contact		Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
After Ingestion		Do NOT induce vomiting. Rinse mouth with water. If nausea persists seek medical help.	
Other		Get medical advice / attention.	
<b><i>If symptoms persist or if victim is unwell, take to a doctor / medical service</i></b>			
<b>Assessor:</b>	<b>Ian Middleton</b>	<b>Date:</b> 20-Oct-20	
All COSHH assessments should be reviewed as part of the overall Risk Assessment Plan			