

# Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH)

According to Regulation (EU) No. 453/2010

According to Regulation (EU) No. 2015/830



## SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

### 1 Product Identifier

**INTACT® H12**

### 2 Relevant identified uses of the substance or mixture and uses advised against

Adhesive for professional, industrial or consumer use

### 3 Details of the supplier of the safety data sheet

Intact Adhesives  
The Old School  
Little Cressingham  
Thetford  
Norfolk  
UK  
IP25 6NT

[enquiries@intactadhesives.com](mailto:enquiries@intactadhesives.com)

Tel : +44 (0) 1953 882899

Fax: +44 (0) 1953 883010

### 4 Emergency telephone number

+44 (0) 01953 882899 (Office hours only – 8:30am/5:00pm  
GMT)

## SECTION 2 : HAZARDS IDENTIFICATION

### 1 Classification of the substance or the mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

Not classified

### 2 Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

See sections 11 and 12

### 3 Other hazards

Hot material may cause burns. Hot application hazards vary considerably to room temperature application hazards. The risk management of both situations are outlined in this safety data sheet.

## SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS

### 1 Substance

Not classified

### 2 Mixture

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## Chemical Description

Mixture composed of waxes, resins and synthetic polymers

## Components

None of the substances contained in the mixture are above the values fixed in Annex II of regulation (EC) No. 1907/2006

IDENTIFICATION	CHEMICAL NAME/CLASSIFICATION	CONCENTRATION
	Non-applicable	
	Regulation 1272/2008	

## SECTION 4: FIRST AID MEASURES

### 1 Description of first aid measures

Consult a doctor in case of discomfort and show them this safety data sheet.

#### Eye contact

If solid, remove as foreign body

If hot, vapours can cause eye irritation, symptoms may include redness, swelling, pain and blurred vision. In case of burns, flush eye immediately with large amounts of water, DO NOT ATTEMPT TO REMOVE SOLIDIFIED MATERIAL and seek medical advice

#### Skin contact

In case of contact, it is recommended to clean the affected area with water and neutral soap. In the case of skin modifications (i.e blisters, rashes etc), seek medical advice with this safety data sheet. If the product is hot, cool skin rapidly with cold water, do not peel from skin and get medical advice.

#### Inhalation

Vapours from heated material may cause irritation of the respiratory system, Symptoms may include cough, headache or throat pain. In case of symptoms, remove person(s) to fresh air. Get medical attention if irritation persists

#### Ingestion

In case of consumption in large quantities, drink water, do not induce vomiting. It is recommended to seek medical advice.

### 2 Most important symptoms and effects, both acute and delayed

Indicated in sections 2 and 11

### 3 Indication of any immediate medical attention and special treatment needed

Non-applicable

## SECTION 5 : FIREFIGHTING MEASURES

### 1 Extinguishing media

This product is non-flammable, low risk of fire by the inflammability of the product in normal conditions of storage, manipulation and use. In the case of the existence of sustained combustion as a result of improper manipulation, storage or use, the following extinguishing media can be used - Dry Chemical,

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Foam, CO<sub>2</sub> and water spray.

## 2 Special hazards arising from the substance or mixture

The product is non-flammable and does not present a fire risk under normal conditions of storage, manipulation or use

## 3 Advice for firefighters

Depending on the magnitude of the fire, it may be necessary to use full protective clothing and individual respiratory equipment. Minimum emergency facilities and equipment should be available (Fire blankets, First aid kit etc) in accordance with Directive 89/654/EC

### Additional provisions

Act in accordance with the internal emergency plan and the information sheets on actions to take after an accident or other emergencies. Destroy any source of ignition. In case of fire, refrigerate the storage containers and tanks for products susceptible to inflammation, explosion or BLEVE as a result of high temperatures. Avoid spillage of the products used to extinguish the fire into an aqueous medium.

## SECTION 6 : ACCIDENTAL RELEASE MEASURES

### 1 Personal precautions, protective equipment and emergency procedures

Hot product: Increase ventilation, eliminate all sources of ignition and allow product to cool

Sweep up and shovel product into a suitable container for reuse (preferred) or disposal

### 2 Environmental precautions

This product is not classed as hazardous to the environment, but do keep this product away from drains, surface and underground water.

### 3 Methods and materials for containment and cleaning up

If molten, allow to solidify.

It is recommended to sweep up and shovel product or by other means and place into a container for reuse (preferred) or disposal.

### 4 Reference to other sections

See sections 8 and 13

## SECTION 7 : HANDLING AND STORAGE

### 1 Precautions for safe handling

Comply with the current legislation concerning the prevention of industrial risks. Keep containers hermetically sealed. Control spills and residues, destroying them with safe methods (See Section 6). Avoid leakages from the container and maintain order and cleanliness where dangerous products are used.

Due to its non-flammable nature, the product does not present a fire risk under normal conditions of storage, manipulation and use.

Do not eat or drink during use, washing hands afterwards with suitable cleaning products.

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It is not necessary to take special measures to prevent environmental risks, for more information see subsection 6, item 2.

## 2 Conditions for safe storage, including any incompatibilities

**Minimum temperature - 5 °C**

**Maximum Temperature - 30 °C**

**Storage time – 12 Months**

Avoid sources of heat, radiation, static electricity and contact with food. For additional information see section 10, item 5.

## 3 Specific end use(s)

Except for the instructions already specified, it is not necessary to provide any special recommendation regarding the use(s) of this product.

## SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

### 1 Control parameters

#### Occupational exposure limit values

Paraffin Wax, fume: WEL (8hr) = 2 mg/m<sup>3</sup>; WEL (15 min) = 6 mg/m<sup>3</sup>

#### DNEL – Derived No-Effect Level (Workers)

IDENTIFICATION	ENVIRONMENTAL LIMITS		
Vinyl Acetate	IDELV (8hr)	5 ppm	17.6 mg/m <sup>3</sup>
CAS: 108-05-4	IDELV (STEL)	10 ppm	35.2 mg/m <sup>3</sup>
EC: 203-545-4	Year	2017	

#### DNEL – Derived No-Effect Level (General Population)

IDENTIFICATION	DNEL TYPE	EXPOSURE LIMIT
Non - applicable	Non - applicable	Non - applicable

#### PNEC – Predicted No-Effect Concentration (Workers)

IDENTIFICATION	PNEC TYPE	EXPOSURE LIMIT
Non - applicable	Non - applicable	Non - applicable

### 2 Exposure Controls

#### General security and hygiene measures in the workplace

As a preventative measure, it is recommended to use basic Personal Protection Equipment with the corresponding <<CE marking>> in accordance with directive 89/686/EC. For more information on Personal Protective Equipment (storage, use, cleaning, maintenance, class of protection etc) consult the information leaflet provided by the manufacturer of the equipment. For more information see Section 7, item 1.

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## Respiratory Protection

PICTOGRAM	PPE	LABELLING	CEN STANDARD	REMARKS
	Respirators		EN 140:1998/AC:1999	Use will be necessary if a mist forms or if the professional exposure limits are exceeded.





## Specific protection for the hands

	Protective gloves against minor risks		EN 420:2003+A1:2009 EN 374-1:2003	Replace gloves in case of any sign of damage. For prolonged periods of exposure to the product for professional/industrial users, we recommend using CE III gloves in line with standards EN 420 and EN 374
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## Ocular and facial protection

	Panoramic glasses against liquid splash		EN 166:2001 EN 172:1994/A1:2000 EN 172:1994/A2:2001 EN ISO 4007:2012	Clean daily and disinfect periodically according to the manufacturers instructions. Use if there is a risk of splashing.
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## Bodily protection

	Work clothing		EN ISO 13688:2013	For professional use only
	Anti-slip work shoes		EN ISO 20347:2012 EN ISO 20344:2011	None

## Additional emergency measures

It is not necessary to take additional emergency measures

## Environmental exposure controls

In accordance with the community legislation for the protection of the environment, it is recommended to avoid environmental spillage of both the product and its container. For more information see section 7, item 1

## Volatile organic compounds

With regard to Directive 2010/75/EU, this product has the following characteristics

### V.O.C. (Supply)

0.13% weight

### V.O.C. density at 20°C/68°F

0 kg/m<sup>3</sup> (0 g/l)

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## Average carbon number

4

## Average molecular weight

86.1 g/mol

## SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

### 1 Information on basic physical and chemical properties

For complete information, see the product datasheet

#### Appearance

Physical state at 20°C/68°F:	Solid
Appearance :	Not available
Colour:	Yellow
Odour:	Faint odour

#### Volatility

Boiling point at atmospheric pressure:	Non-applicable
Vapour pressure at 20°C/68°F:	Non-applicable
Vapour pressure at 50°C/122°F:	<300000Pa(300kpa)
Evaporation rate at 20°C/68°F:	Non-applicable

#### Product description

Density at 20°C/68°F:	1 kg/m <sup>3</sup>
Relative density at 20°C/68°F:	0.97
Dynamic viscosity at 20°C/68°F:	Non-applicable
Kinematic viscosity at 20°C/68°F:	Non-applicable
Kinematic viscosity at 40°C/104°F:	Non-applicable
Concentration:	Non-applicable
pH:	Non-applicable
Vapour density at 20°C/68°F:	Non-applicable
Partition coefficient n-octanol/water 20°C/68°F:	Non-applicable
Solubility in water at 20°C/68°F:	Non-applicable
Solubility properties:	Non-applicable
Decomposition temperature:	Non-applicable
Melting point/freezing point:	Non-applicable

#### Flammability

Flash Point:	Non-applicable
Autoignition temperature:	427°C
Lower flammability limit:	Non-applicable
Upper flammability limit:	Non-applicable

#### Other information

Surface tension at 20°C/68°F:	Non-applicable
Refraction index:	Non-applicable
Viscosity at 160°C/320°F (ASTM D3236 Brookfield Thermosel system)	See technical datasheet

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## SECTION 10 : STABILITY AND REACTIVITY

### 1 Reactivity

No hazardous reactions are expected if the technical instructions for the storage of chemicals are followed. See section 7

### 2 Chemical stability

Chemically stable under the conditions of storage, handling and use

### 3 Possibility of hazardous reaction

Under the specified conditions, hazardous reactions that lead to excessive temperatures or pressure are not expected.

### 4 Conditions to avoid

Applicable for handling and storage at room temperature

SHOCK AND FRICTION	CONTACT WITH AIR	INCREASE IN TEMPERATURE	SUNLIGHT	HUMIDITY
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable

### 5 Incompatible materials

ACIDS	WATER	COMBUSTIVE MATERIALS	COMBUSTIBLE MATERIALS	OTHERS
Not applicable	Not applicable	Not applicable	Not applicable	Avoid strong bases or alkalis

### 6 Hazardous decomposition products

See subsection 10, items 3, 4 and 5 to find out the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances can be released:

Carbon Dioxide (CO<sub>2</sub>)  
Carbon Monoxide (CO)  
Other organic compounds

## SECTION 11: TOXICOLOGICAL INFORMATION

### Classification according to Regulation (EC) No. 1272/2008 [CLP]

#### 1 Information on toxicological effects

LD50 oral > 2000 mg/kg (Rat)

#### Precautions for safe handling

In case of exposure that is repetitive, prolonged or at concentrations higher than recommended by the occupational exposure limits, it may result in adverse effects on health depending on means of exposure

#### Ingestion

##### Acute toxicity

Based on the available data, the classification criteria are not met

##### Corrosivity/Irritability

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Based on the available data, the classification criteria are not met

## Inhalation

### Acute toxicity

Based on the available data, the classification criteria are not met

### Corrosivity/Irritability

Based on the available data, the classification criteria are not met

## Contact with skin and the eyes

### Contact with the skin

Based on the available data, the classification criteria are not met

### Contact with the eyes

Based on the available data, the classification criteria are not met

## CMR effects (Carcinogenity, mutagenicity and toxicity to reproduction)

### Carcinogeneticity

Based on the available data, the classification criteria are not met

### Mutagenicity

Based on the available data, the classification criteria are not met

### Reproductive toxicity

Based on the available data, the classification criteria are not met

## Sensitizing effects

### Respiratory

Based on the available data, the classification criteria are not met

### Cutaneous

Based on the available data, the classification criteria are not met

## Specific target organ toxicity

### Time Exposure

Based on the available data, the classification criteria are not met

### Repeated Exposure

Based on the available data, the classification criteria are not met

### Skin

Based on the available data, the classification criteria are not met

## Aspiration hazard

Based on the available data, the classification criteria are not met

## Other information

Non-applicable

## Specific toxicological information on the substances

IDENTIFICATION	ACUTE TOXICITY		GENUS
*Non Applicable	LD50 ORAL		
	LD50 DERMAL		
	LC50 INHALATION		

## SECTION 12 : ECOLOGICAL INFORMATION

### 1 Toxicity

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Not available

## 2 Persistence and Degradability

Not readily biodegradable; Insoluble in water

## 3 Bioaccumulative potential

Not available

## 4 Mobility in soil

Not available

## 5 Results of PBT and vPvB assessment

Non-applicable

## 6 Other adverse effects

Not described

### SECTION 13 : DISPOSAL CONSIDERATIONS

#### 1 Appropriate disposal/Product recommendation

Consult the authorised waste service manager on the assessment and disposal operations in accordance with Annex 1 and Annex 2 (Directive 2008/98/EC). As under 15 01 (2014/955/EC) of the code and in case the container has been in direct contact with the product, it will be processed the same way as the actual product. Otherwise it will be processed as non-dangerous residue. We do not recommend disposal down the drain. See paragraph 6.2

#### List of proposed waste codes/waste designations in accordance with Regulation (EU) No. 1357/2014

08 04 10 – Waste adhesives and sealants other than those mentioned in 08 04 09

#### Regulations related to waste management

In accordance with annex 2 of Regulation (EC) No 1907/2006 (REACH) the community or state provisions related to waste management are stated.

Community legislation: Directive 2008/98/EC, 2014/955/EU, Regulation (EU) No 1357/2014

### SECTION 14 : TRANSPORT INFORMATION

**Transport of dangerous goods by land:** With regard to ADR 2015 and RID 2015:

<b>UN number:</b>	Non-Applicable
<b>UN proper shipping name:</b>	Non-Applicable
<b>Transport hazard class(es):</b>	Non-Applicable
<b>Labels:</b>	Non-Applicable
<b>Packing Group:</b>	Non-Applicable
<b>Dangerous for the environment:</b>	No
<b>Special precautions for user</b>	Non-Applicable
<b>Special regulations:</b>	Non-Applicable
<b>Tunnel restriction code:</b>	Non-Applicable

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<b>Physico-Chemical properties:</b>	See Section 9
<b>Limited quantities:</b>	Non-Applicable
<b>Transport in bulk according to Annex 2 of Marpol and the IBC code:</b>	Non-Applicable
<b>Transport of dangerous goods by sea:</b> With regard to IMDG 37-14:	
<b>UN number:</b>	Non-Applicable
<b>UN proper shipping name:</b>	Non-Applicable
<b>Transport hazard class(es):</b>	Non-Applicable
<b>Labels:</b>	Non-Applicable
<b>Packing Group:</b>	Non-Applicable
<b>Dangerous for the environment:</b>	No
<b>Special precautions for user</b>	Non-Applicable
<b>Special regulations:</b>	Non-Applicable
<b>Tunnel restriction code:</b>	Non-Applicable
<b>Physico-Chemical properties:</b>	See Section 9
<b>Limited quantities:</b>	Non-Applicable
<b>Transport in bulk according to Annex 2 of Marpol and the IBC code:</b>	Non-Applicable
<b>Transport of dangerous goods by land:</b> With regard to IATA/ICAO 2015:	
<b>UN number:</b>	Non-Applicable
<b>UN proper shipping name:</b>	Non-Applicable
<b>Transport hazard class(es):</b>	Non-Applicable
<b>Labels:</b>	Non-Applicable
<b>Packing Group:</b>	Non-Applicable
<b>Dangerous for the environment:</b>	No
<b>Special precautions for user</b>	Non-Applicable
<b>Special regulations:</b>	Non-Applicable
<b>Tunnel restriction code:</b>	Non-Applicable
<b>Physico-Chemical properties:</b>	See Section 9
<b>Limited quantities:</b>	Non-Applicable
<b>Transport in bulk according to Annex 2 of Marpol and the IBC code:</b>	Non-Applicable

## SECTION 15 : REGULATORY INFORMATION

### 1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

Candidate substances for authorisation under the Regulation (EC) 1907/2006 (REACH):

Non-applicable

Substances included in Annex 14 of REACH ("Authorisation List") and sunset date:

Non-applicable

Regulation (EC) 1005/2009, about substances that deplete the ozone layer:

Non-applicable

Active substances for which a decision of non-inclusion onto Annex 1 (Regulation (EU) No 528/2012):

Non-applicable

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Regulation (EU) No 649/2012, in relation to the import and export of hazardous chemical products:

Non-applicable

## **Limitations to commercialisation and the use of certain dangerous substances and mixtures (Annex 17 (REACH)):**

### **Specific provisions in terms of protecting people or the environment:**

It is recommended to use the information included in this safety data sheet as data used in a risk evaluation of local circumstances in order to establish the necessary risk prevention measures for the manipulation, use, storage and disposal of the product.

### **Other legislation**

The product could be affected by sectorial legislation.

## **2 Chemical safety assessment**

The supplier has not carried out evaluation of chemical safety.

## **SECTION 16 : OTHER INFORMATION**

### **Safety, health and environmental regulations/legislation specific for the substance or mixture:**

This safety data sheet has been designed in accordance with ANNEX 2 – Guide to the compilation of safety data sheets of regulation (EC) No 1907/2006 (Regulation (EU) No 453/2010 and Regulation (EC) No 2015/830.

### **Modifications related to the previous security card which concerns the ways of managing risks:**

Non-applicable

### **Texts of the legislative phrases mentioned in section 3:**

The phrases indicated do not refer to the product itself, they are present merely for informative purposes and refer to the individual components which appear in section 3.

### **CLP Regulation (EC) No 1272/2008:**

Non-applicable

### **Classification procedure:**

Non-applicable

### **Advice related to training:**

Minimal training is recommended to prevent industrial risks for staff using this product, in order to facilitate their comprehension and interpretation of this safety data sheet, as well as the label on the product.

### **Principal bibliographical sources:**

<http://esis.jrc.ec.europa.eu>

<http://echa.europa.eu>

<http://eur-lex.europa.eu>

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## Abbreviations and acronyms:

ADR: European agreement concerning the international carriage of dangerous goods by road  
IMDG: International maritime dangerous goods code  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organisation  
LD50: Lethal Dose 50

The information contained in this safety data is based on sources, technical knowledge and current legislation at European and state level without being able to guarantee its accuracy. This information cannot be considered a guarantee of the properties of the product, it is simply a description of the security requirements. The occupational methodology and conditions for users of this product are not within our awareness or control and it is ultimately the responsibility of the user to take the necessary measures to obtain the legal requirements concerning the manipulation, storage, use and disposal of chemical products. The information on this safety data sheet only refers to this product, which should not be used for needs other than those specified.

- END OF SAFETY DATA SHEET -

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