

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name** INDASOL PREMIUM D4 PVA  
**Synonyms; trade names** Water based Polyvinyl Acetate emulsion

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

**Identified uses** Adhesive.

**1.3. Details of the supplier of the safety data sheet**

**Supplier** Industrial Adhesive  
Solutions Ltd  
Unit 10, Crystal Drive  
Sandwell Business Park  
Smethwick, B66 1QG

**1.4. Emergency telephone number**

**Emergency telephone** +44 (0) 121 566 9900

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification (EC/1272/2008)**

**Physical hazards** Not Classified  
**Health hazards** Not Classified  
**Environmental hazards** Not Classified

**2.2. Label elements**

**Hazard statements** NC Not Classified

**2.3. Other hazards**

None known.

**SECTION 3: Composition/information on ingredients**

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information** In the event of any sensitisation symptoms developing, ensure further exposure is avoided.

**Inhalation** Unlikely route of exposure as the product does not contain volatile substances.

**Ingestion** Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Keep affected person under observation. Get medical attention if any discomfort continues. Show this Safety Data Sheet to the medical personnel.

**Skin contact** Remove contaminated clothing and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

**Eye contact** Rinse immediately with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

**Protection of first aiders** First aid personnel should wear appropriate protective equipment during any rescue.

**4.2. Most important symptoms and effects, both acute and delayed**

<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	No specific symptoms known.

**4.3. Indication of any immediate medical attention and special treatment needed**

<b>Notes for the doctor</b>	No specific recommendations. If in doubt, get medical attention promptly.
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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

<b>Suitable extinguishing media</b>	Use fire-extinguishing media suitable for the surrounding fire.
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**5.2. Special hazards arising from the substance or mixture**

<b>Specific hazards</b>	No unusual fire or explosion hazards noted.
<b>Hazardous combustion products</b>	Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon. Oxides of nitrogen.

**5.3. Advice for firefighters**

<b>Protective actions during firefighting</b>	No specific firefighting precautions known.
<b>Special protective equipment for firefighters</b>	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Warn everybody of potential hazards and evacuate if necessary.

### 6.2. Environmental precautions

**Environmental precautions** Avoid or minimise the creation of any environmental contamination. Avoid discharge into drains or watercourses or onto the ground.

### 6.3. Methods and material for containment and cleaning up

**Methods for cleaning up** Absorb spillage with non-combustible, absorbent material.

### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8. For waste disposal, see section 13. See Section 11 for additional information on health hazards.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Usage precautions** Wear protective clothing as described in Section 8 of this safety data sheet. Good personal hygiene procedures should be implemented. Avoid contact with skin and eyes.

### 7.2. Conditions for safe storage, including any incompatibilities

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from freezing and direct sunlight.

**Storage class** Unspecified storage.

### 7.3. Specific end use(s)

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

## SECTION 8: Exposure Controls/personal protection

### 8.1. Control parameters

**Ingredient comments** No exposure limits known for ingredient(s).

### 8.2. Exposure controls

#### Protective equipment



**Eye/face protection** Tight-fitting safety glasses.

**Hand protection** The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

**Other skin and body protection** Wear apron or protective clothing in case of contact. Provide eyewash station and safety shower.

**Hygiene measures** Wash hands at the end of each work shift and before eating, smoking and using the toilet.

**Respiratory protection** Respiratory protection not required.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Viscous liquid.
<b>Colour</b>	White/off-white.
<b>Odour</b>	Sweetish.
<b>Odour threshold</b>	Not determined.
<b>pH</b>	pH (concentrated solution): 4-6
<b>Melting point</b>	0°C
<b>Initial boiling point and range</b>	100°C @ 760 mm Hg
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	Not applicable.
<b>Evaporation factor</b>	Not applicable.
<b>Flammability (solid, gas)</b>	No.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	18 mm Hg @ 25°C
<b>Vapour density</b>	0.6
<b>Relative density</b>	1.1 @ °C
<b>Bulk density</b>	1.1
<b>Solubility(ies)</b>	Miscible with water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not determined.
<b>Decomposition Temperature</b>	Not available.
<b>Viscosity</b>	120-170 poise
<b>Explosive properties</b>	More sensitive to shock than m-dinitrobenzene: No. More sensitive to friction than m-dinitrobenzene: No.
<b>Explosive under the influence of a flame</b>	No
<b>Comments</b>	45% to 48% solids
<b>9.2. Other information</b>	
<b>Other information</b>	Not relevant.

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

**Reactivity** There are no known reactivity hazards associated with this product.

**10.2. Chemical stability**

**Stability** No particular stability concerns.

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** No hazardous reactions when stored and handled according to prescribed instructions. Will not polymerise

**10.4. Conditions to avoid**

**Conditions to avoid** Avoid contact with acids.

**10.5. Incompatible materials**

**Materials to avoid** Strong acids.

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Oxides of carbon.

Hazardous decomposition products

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

<b>Toxicological effects</b>	No data recorded.
<b>Inhalation</b>	Not relevant.
<b>Ingestion</b>	No specific symptoms known.
<b>Skin contact</b>	No specific symptoms known.
<b>Eye contact</b>	No specific symptoms known.

**SECTION 12: Ecological Information**

**Ecotoxicity** The product is not expected to be hazardous to the environment.

**12.1. Toxicity**

**Toxicity** Not considered toxic to fish.

**Acute toxicity - aquatic invertebrates** Not determined

**Acute toxicity - aquatic plants** Not determined.

**Acute toxicity - microorganisms** Not determined.

**12.2. Persistence and degradability**

**Persistence and degradability** The product is biodegradable.

**12.3. Bioaccumulative potential**

**Bioaccumulative potential** The product is not bioaccumulating.

**Partition coefficient** Not applicable.

**12.4. Mobility insoil**

**Mobility** Mobile.

**12.5. Results of PBT and vPvB assessment**

**Results of PBT and vPvB assessment** This product does not contain any substances classified as PBT or vPvB

**12.6. Other adverse effects**

None known.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

- General information** Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
- Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

**SECTION 14: Transport information**

- General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**14.1. UN number**

Not applicable.

**14.2 UN proper shipping name**

Not applicable.

**14.3 Transport hazard class(es)**

Not applicable.

**14.4 Packing group**

Not applicable.

**14.5 Environmental hazards**

**Environmentally hazardous substance/marine pollutant**  
No.

**14.6 Special precautions for user**

Not applicable.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable.

**SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulations** The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).  
EH40/2005 Workplace exposure limits.  
Health and Safety at Work etc. Act 1974 (as amended).  
Control of Substances Hazardous to Health Regulations 2002 (as amended).

**EU legislation** COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

**Guidance** Workplace Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.  
Approved Classification and Labelling Guide (Sixth edition) L131.  
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**15.2. Chemical safety assessment**

Not applicable.

**SECTION 16: Other information**

**Revision comments** NOTE: Lines within the margin indicate significant changes from the previous revision.

**Issued by** HS&E Manager.

**Revision date** 01.01.19

**SDSnumber** 40629

**SDS status** Approved.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.