

SAFETY DATA SHEET ADH9770

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Dated 28/08/2019

SECTION 1: Identification of the substance/mixture and the company/undertaking	
1.1. Product Identifier	
Product Name	Adhere ADH9770 Polyolefin Primer - Liquid
1.2. Relevant identified uses of the substance or mixture and uses advised against	
Intended use	Solvent-based primer for treating surfaces prior to bonding with cyanoacrylate adhesives
1.3. Details of the supplier of the safety data sheet	
Name	Intertronics
Full address	12a Station Field Industrial Estate Banbury Road Kidlington Oxfordshire OX5 1JD England
Email address of the competent person responsible for the Safety Data Sheet	msds@intertronics.co.uk
1.4. Emergency telephone number	
For urgent enquiries refer to	+44 1865 842842

SECTION 2: Hazards identification	
2.1. Classification of the substance or mixture	
Classification under CHIP:	F: R11; Xi: R38; N: R51/53; -: R67
Classification under CLP:	STOT SE 3: H336; Aquatic Chronic 2: H411; Flam. Liq. 2: H225; Skin Irrit. 2: H315; STOT SE 3: H335
Most important adverse effects:	Highly flammable. Irritating to skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.
2.2. Label elements	
Hazard statements:	H225: Highly flammable liquid and vapour. H315: Causes skin irritation. H335: May cause respiratory irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.
Signal words:	Danger
Hazard pictograms:	GHS02: Flame, GHS07: Exclamation mark, GHS09: Environmental 
Precautionary statements:	P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P243: Take precautionary measures against static discharge. P261: Avoid breathing vapours. P271: Use only outdoors or in a well-ventilated area. P273: Avoid release to the environment.

Label elements under CHIP: Hazard symbols:	P280: Wear protective gloves/eye protection. P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water. P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P314: Get medical advice/attention if you feel unwell. P403+233: Store in a well-ventilated place. Keep container tightly closed.
Risk phrases:	Highly flammable, Irritant, Dangerous for the environment 
Safety phrases:	R11: Highly flammable. R38: Irritating to skin. R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. R67: Vapours may cause drowsiness and dizziness.
	S9: Keep container in a well-ventilated place. S23: Do not breathe vapour. S16: Keep away from sources of ignition - No smoking. S33: Take precautionary measures against static discharges. S37: Wear suitable gloves. S61: Avoid release to the environment. Refer to special instructions / safety data sheets. S62: If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label. Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
2.3. Other hazards Other Hazards: PBT:	In use, may form flammable / explosive vapour-air mixture. This product is not identified as a PBT substance.

SECTION 3: Composition/information on ingredients					
3.2. Mixtures					
Hazardous ingredients: NAPHTHA (PETROLEUM), HYDROTREATED LIGHT					
EINECS	CAS	CHIP Classification	CLP Classification	Percent	
265-151-9	64742-49-0	F: R11; Xi: R38; N: R51/53; Xn: R65; -: R67	Flam. Liq. 1: H224; Skin Irrit. 2: H315; STOT SE 3: H335; Aquatic Chronic 2: H411; STOT SE 3: H336	>80%	

SECTION 4: First aid measures	
4.1. Description of first aid measures	
Skin contact:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.
Eye contact:	Bathe the eye with running water for 15 minutes.
Ingestion:	Do not induce vomiting. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor. Transfer to

Inhalation:	hospital as soon as possible. Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.
4.2. Most important symptoms and effects, both acute and delayed Skin contact: There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation. Absorption through the skin may occur causing symptoms similar to those of ingestion. Prolonged or repeated contact may cause defatting of the skin, which can lead to dermatitis. Eye contact: There may be irritation and redness. Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation. Aspiration into the lungs may cause chemical pneumonitis, which can be fatal. Inhalation: Drowsiness or mental confusion may occur. Delayed / immediate effects: Immediate effects can be expected after short-term exposure.	
4.3. Indication of any immediate attention and special treatment needed Immediate / special treatment: Not applicable.	

SECTION 5: Firefighting measures
5.1. Extinguishing media Alcohol or polymer foam. Carbon dioxide. Dry chemical powder. Do not use water. Use water spray to cool containers.
5.2. Special hazards arising from the substance or mixture Highly flammable. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.
5.3. Advice for firefighters Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

SECTION 6: Accidental release measures
6.1. Personal precautions, protective equipment and emergency procedures Personal precautions: Eliminate all sources of ignition. Refer to section 8 of SDS for personal protection details. Evacuate the area immediately. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
6.2. Environmental precautions. Do not discharge into drains or rivers. Contain the spillage using bunding.
6.3. Methods and material for containment and cleaning up Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method. Do not use equipment in clean-up procedure which may produce sparks.
6.4. Reference to other sections Refer to section 8 of SDS.

SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Handling requirements:	Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air. Smoking is forbidden. Earth any equipment used in handling. Use non-sparking tools.
7.2. Conditions for safe storage, including any incompatibilities	
Storage conditions:	Store in cool, well ventilated area. Keep container tightly closed. Keep away from sources of ignition. Keep away from direct sunlight. Prevent the build-up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.
Suitable packaging:	Stainless steel. Glass. Aluminium containers.
7.3. Specific end use(s)	No data available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

Workplace exposure limits:

Respirable dust:

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	250 ppm	-	-	-

DNEL/PNEC Values:

No data available.

8.2. Exposure controls

Engineering measures:

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection:

Self-contained breathing apparatus must be available in case of emergency.
Gas/vapour filter, type A: organic vapours (EN141).

Hand protection:

Butyl gloves. Impermeable gloves.

Eye protection:

Safety glasses.

Skin protection:

Protective clothing.

SECTION 9: Physical and chemical properties	
9.1. Information on basic physical and chemical properties	
State:	Liquid
Colour:	Colourless
Odour:	Light, paraffinic
Evaporation rate:	Fast
Oxidising:	Non-oxidising (by EC criteria)
Solubility in water:	Insoluble
Also soluble in:	Petroleum ether
Viscosity:	Non-viscous
Kinematic viscosity:	0.42
Viscosity test method:	Kinematic viscosity in 10-6 m ² /s at 40°C (ISO 3104/3105)
Boiling point / range °C:	94-99

Lower inflammability limit: 1%
 Upper inflammability limit: 7%
 Flash point °C: -5
 Part.coeff. n-octanol/water: ~4.7
 Autoflammability °C: 215
 Vapour pressure: 5kPa @ 20C; 21kPa @ 50C
 Relative density: 0.71
 pH: n/e

9.2. Other information

No data available

SECTION 10: Stability and reactivity**10.1. Reactivity**

Stable under recommended transport or storage conditions.

10.2. Chemical stability

Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Sources of ignition. Flames. Heat. Hot surfaces. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids

10.6. Hazardous decomposition products

In combustion emits toxic fumes of carbon dioxide / carbon monoxide. In combustion emits toxic fumes of nitrogen oxides.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Hazardous ingredients:**

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

IRL	-	LC50	>5	mg/l
ORL	-	LD50	>2000	mg/kg
SKN	-	LD50	>2000	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	DRM	Hazardous: calculated

Symptoms / routes of exposure:**Skin contact:**

There may be irritation and redness at the site of contact. Absorption through the skin may occur causing symptoms similar to those of inhalation. Absorption through the skin may occur causing symptoms similar to those of ingestion. Prolonged or repeated contact may cause defatting of the skin, which can lead to dermatitis.

Eye contact:

There may be irritation and redness.

Ingestion:	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur. Inhalation of fumes from the stomach may cause symptoms similar to direct inhalation. Aspiration into the lungs may cause chemical pneumonitis, which can be fatal.
Inhalation:	Drowsiness or mental confusion may occur.
Delayed / immediate effects:	Immediate effects can be expected after short-term exposure.

SECTION 12: Ecological information

- 12.1. Toxicity**
Ecotoxicity values: No data available.
- 12.2. Persistence and degradability**
Biodegradable
- 12.3. Bioaccumulative potential**
Bioaccumulation potential
- 12.4. Mobility**
Floats on water. Volatile. Readily absorbed into soil.
- 12.5. Results of PBT and vPvB assessment**
This product is not identified as a PBT substance
- 12.6. Other adverse effects**
Toxic to aquatic organisms.

SECTION 13: Disposal considerations

- 13.1. Waste treatment methods**
- Disposal operations:** Incineration on land.
- Recovery operations:** Use principally as a fuel or other means to generate energy.
- Disposal of packaging:** After draining, leave to vent in a safe place away from sources of ignition and heat. Beware of vapours remaining in empty drums that may ignite. Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.
- NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

SECTION 14: Transport information

- 14.1. UN number**
UN Number: UN3295
- 14.2. UN proper shipping name**
Shipping name: HYDROCARBONS, LIQUID, N.O.S. (NAPHTHA (PETROLEUM), HYDROTREATED LIGHT)
- 14.3. Transport hazard class(es)**
Transport class: 3
- 14.4. Packing group**
Packing group: II
- 14.5. Environment hazards**
Environmentally hazardous: Yes Marine pollutant: No
- 14.6. Special precautions for user**
Special precautions: No special precautions
Tunnel code: D/E
Transport category: 2

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**15.2. Chemical Safety Assessment****SECTION 16: Other information**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

Phrases used in s.2 and s.3:

- H224: Extremely flammable liquid and vapour.
- H225: Highly flammable liquid and vapour.
- H315: Causes skin irritation.
- H335: May cause respiratory irritation.
- H336: May cause drowsiness or dizziness.
- H411: Toxic to aquatic life with long lasting effects.
- R11: Highly flammable.
- R38: Irritating to skin.
- R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- R65: Harmful: may cause lung damage if swallowed.
- R67: Vapours may cause drowsiness and dizziness

Legend to abbreviations:

PNEC = predicted no effect level
DNEL = derived no effect level
LD50 = median lethal dose
LC50 = median lethal concentration
EC50 = median effective concentration
IC50 = median inhibitory concentration
dw = dry weight
bw = body weight
cc = closed cup
oc = open cup
MUS = mouse
GPG = guinea pig
RBT = rabbit
HAM = hamster
HMN = human
MAM = mammal
PGN = pigeon
IVN = intravenous
SCU = subcutaneous
SKN = skin
DRM = dermal
OCC = ocular/corneal
PCP = physico-chemical properties

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above product.