

SAFETY DATA SHEET
ULTRA HIGH PERFORMANCE CYANOACRYLATE ADHESIVE

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME ULTRA HIGH PERFORMANCE CYANOACRYLATE ADHESIVE

PRODUCT NO. 40120A, 40150A, 40100A

SUPPLIER Permatex Europe
Unit 3 Shipton Way
Express Business Park
Northampton Road, Rushden
Northants
NN10 6GL
+44 (0)870 458 9686
enquiries@permatex.eu

2 HAZARDS IDENTIFICATION

Irritating to eyes, respiratory system and skin.

CLASSIFICATION Xi;R36/37/38.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
ETHYL 2-CYANOACRYLATE	230-391-5	7085-85-0	60-100%	Xi;R36/37/38

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES**INHALATION**

Remove victim immediately from source of exposure. Provide fresh air, warmth and rest, preferably in a comfortable upright sitting position. Get medical attention if any discomfort continues.

INGESTION

Get medical attention immediately! If swallowed, seek medical advice immediately and show this container or label.

SKIN CONTACT

If adhesive bonds skin, flush with water and seek medical assistance. Do not attempt to force skin apart if bonded. Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. If adhesive bonds eyelids, flush with water and seek medical assistance. Do not attempt to force bonded skin apart. Get medical attention immediately!

5 FIRE-FIGHTING MEASURES**EXTINGUISHING MEDIA**

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.

SPECIAL FIRE FIGHTING PROCEDURES

Water spray should be used to cool containers.

UNUSUAL FIRE & EXPLOSION HAZARDS

If heated, volume and pressure increases strongly, resulting in explosion of container.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES**PERSONAL PRECAUTIONS**

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

SPILL CLEAN UP METHODS

Ventilate well. Absorb spillage with non-combustible, absorbent material. Shovel into dry containers. Cover and move the containers. Flush the area with water.

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7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid inhalation of vapours/spray and contact with skin and eyes.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
ETHYL 2-CYANOACRYLATE	WEL			0.3 ppm	1.5 mg/m ³	

WEL = Workplace Exposure Limit.

PROCESS CONDITIONS

Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

In case of inadequate ventilation use suitable respirator. Use respiratory equipment with gas filter, type A2.

HAND PROTECTION

Protective gloves should be used if there is a risk of direct contact or splash. Use protective gloves made of: Polyethylene. Viton rubber (fluor rubber).

EYE PROTECTION

Wear approved, tight fitting safety glasses where splashing is probable.

HYGIENE MEASURES

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SKIN PROTECTION

Wear apron or protective clothing in case of splashes.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear liquid		
COLOUR	Colourless		
ODOUR	Characteristic		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	>150	VAPOUR PRESSURE	0.04 mm Hg 25
pH-VALUE, CONC. SOLUTION	6-7	FLASH POINT (°C)	>85 CC (Closed cup).

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid exposure to high temperatures or direct sunlight. Water, moisture.

HAZARDOUS POLYMERISATION

Polymerises when heated.

MATERIALS TO AVOID

Strong oxidising substances. Water, steam, water mixtures. Amines. Alcohols

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

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INHALATION

May cause irritation to the respiratory system. May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

INGESTION

May cause discomfort if swallowed.

SKIN CONTACT

Irritating to skin. Prolonged and frequent contact may cause redness and irritation.

EYE CONTACT

Extreme irritation of eyes and mucous membranes, including burning and tearing. Risk of corneal damage.

ROUTE OF ENTRY

Inhalation. Ingestion. Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

ECOTOXICITY

There are no data on the ecotoxicity of this product.

13 DISPOSAL CONSIDERATIONS

GENERAL INFORMATION

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
No transport warning sign required.

15 REGULATORY INFORMATION

LABELLING



Irritant

RISK PHRASES

R36/37/38 Irritating to eyes, respiratory system and skin.

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 Wear suitable gloves.
S51 Use only in well-ventilated areas.

16 OTHER INFORMATION

REVISION DATE 09/03/2009

REV. NO./REPL. SDS GENERATED 1

RISK PHRASES IN FULL

R36/37/38 Irritating to eyes, respiratory system and skin.

DISCLAIMER

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.