



INDASA

HEALTH AND SAFETY PRODUCT INFORMATION

PRODUCT: TRIM ADHESIVE 1 LITRE

DATE 1st May 2009

PRODUCT CODE: 472750

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1. COMPANY'S NAME AND ADDRESS

INDASA Abrasives (UK) Limited, Viking Works, Greenstead Road, Colchester Essex CO1 2ST Tel : 01206 870366 Fax : 01206 860525 Email : office@indasa.co.uk

2. INFORMATION ON INGREDIENTS

INGREDIENTS CLASSIFIED UNDER CHIP REGULATIONS:

SUBSTANCE	CONCENTRATION	EINECS	CAS NO.	CLASSIFICATION
Toluene	1 - 10%	203-625-9	108-88-3	F; R11 Xi; R38 Xn; R48/20 Xn; R63 Xn; R65 [-] R67
Acetone	10-30%	200-662-2	67-64-1	F; R11 Xi; R36 Xi; R66 R67
Mixed aliphatic hydrocarbons	30-50%			F; R11 Xi; R38 N; R51/53 [-] R67

3. HAZARDS IDENTIFICATION

MAIN HAZARDS	Highly flammable, Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environments. Possible risk of harm to the unborn child. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.
Other hazards:	In use, may form flammable/explosive vapour-air mixture.

4. FIRST AID MEASURES (SYMPTOMS)

INHALATION:	Exposure may cause coughing or wheezing. There may be congestion of the lungs causing severe shortness of breath. Drowsiness or mental confusion.
SKIN CONTACT:	There may be irritation and redness at the site of contact.
EYE CONTACT:	There may be irritation and redness. Corneal burns may occur.
INGESTION:	Nausea and stomach pain may occur. There may be vomiting.

4. FIRST AID MEASURES (ACTIONS)

INHALATION:	Remove casualty from exposure ensuring one's own safety whilst doing so. Obtain medical help if there is difficulty breathing. Consult a doctor if symptoms persist.
SKIN CONTACT:	Remove all contaminated clothes and footwear immediately unless stuck to skin. Remove from skin with paper or towel. Wash effected area thoroughly with soap and water. Seek medical advice if symptoms persist.
EYE CONTACT:	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination
INGESTION:	Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA:	Carbon dioxide. Alcohol or polymer foam. Dry chemical powder. Water spray. Use water spray to cool containers.
EXPOSURE	Highly flammable. In combustion emits toxic fumes..

HAZARDS:	
PROTECTION OF FIRE-FIGHTERS:	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Eliminate all sources of ignition. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak side up to prevent the escape of liquid. Refer to section 8 of SDS for personal protection details.

ENVIRONMENTAL PRECAUTIONS:

Do not discharge into drains or rivers. Contain the spillage using bunding,

CLEAN-UP PROCEDURES:

Absorb into dry earth or sand.

7. STORAGE & HANDLING

HANDLING REQUIREMENTS:	Ensure there is sufficient ventilation of the area. Avoid direct contact with the substance. Smoking is forbidden. Use non-sparking tools. Earth any equipment used in handling.
STORAGE CONDITIONS:	Store in cool, well-ventilated area. Keep away from sources of ignition. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<p>Workplace exposure limits WEL (8 hr exposure limit): 191 mg/m³ (WEL) WEL (15 min exposure limit) 574 mg/m³ (WEL) Hazardous ingredients: TOLUENE WEL (8 hr exposure limit): 191 mg/m³ WEL (15 min exposure limit): 574 mg/m³ (WEL) ACETONE WEL (8 hr exposure limit): 1210 mg/m³ WEL (15 min exposure limit): 3620 mg/m³ (WEL) MIXED ALIPHATIC HYDROCARBONS WEL (8 hr exposure limit): 1000 mg/m³ WEL (15 min exposure limit): 1000 mg/m³ (WEL)</p>	
ENGINEERING MEASURES:	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
RESPIRATORY PROTECTION:	In case of insufficient ventilation wear suitable respiratory equipment. If exposure levels are likely to be exceeded, use a face mask fitted with an organic AXP3 filter for short term low level exposures. For long term/high level exposures or when spraying, compressed airline breathing apparatus should be used.
EYE PROTECTION:	Safety goggles.
SKIN PROTECTION:	Protective clothing with elasticated cuffs and closed neck.
HAND PROTECTION:	4 H chemical gloves. Viton gloves.

9. PHYSICAL & CHEMICAL PROPERTIES

STATE	Liquid	SOLUBILITY IN WATER:	Insoluble
ODOUR:	Characteristic odour	RELATIVE DENSITY:	0.87
FLASH POINT:	-35°C	VISCOSITY:	Viscous
OXIDISING:	Non-oxidising (by EC criteria)	EVAPORATION RATE:	Fast
Boiling point/range°C	56	Flammability limits %:	Lower 0.6 Upper 13
Autoflammability°C	200	Colour	Cream

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID:	Sources of ignition.
MATERIALS TO AVOID:	Oxidising agents.
STABILITY:	Stable under normal conditions.

Haz. Decomp. Products:	In combustion emits toxic fumes.
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11. TOXICOLOGICAL INFORMATION:	
INGREDIENT 1.	Toluene IVN RAT LD50 1960mg/kg ORL MUS LD50 2gm/kg ORL RAT LD50 6900mg/kg
INGREDIENT 3.	ACETONE IVN RAT LD50 5500mg/kg ORL MUS LD50 3mg/kg ORL RAT LD50 5800mg/kg
INGREDIENT 4.	MIXED ALIPHATIC HYDROCARBONS ORL RAT LD50>5000mg/kg

12. ECOLOGICAL INFORMATION	
MOBILITY:	Volatile.
OTHER ADVERSE EFFECTS:	Toxic to aquatic organisms.
Persistence and degradability:	Biodegradable in part only.
Bioaccumulative potential:	No data available

13. DISPOSAL CONSIDERATIONS	
DISPOSAL OPERATIONS:	Arrange for disposal by a licensed waste disposal company.
DISPOSAL OF PACKAGING:	Arrange for disposal by a licensed waste disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION			
ADR / RID			
UN NO:	1133	LABELLING:	3
ADR CLASS:	3	SHIPPING NAME:	adhesives
HAZARD ID NO:	33	PACKING GROUP:	II
CLASSIFICATION CODE	F1		
IMDG / IMO			
UN NO:	1133	EmS:	F-E,S-D
CLASS:	3	MARINE POLLUTANT:	.
PACKING GROUP:	II	LABELLING:	3
IATA / ICAO			
UN NO:	1133	PACKING INSTRUCTIONS:	305(P&CA); 307(CAO)
CLASS:	3		
PACKING GROUP:	II	LABELLING:	3

15. REGULATORY INFORMATION	
HAZARD SYMBOLS:	Highly flammable. Harmful Dangerous for the environment.
RISK PHRASES:	R11: Highly flammable R36/38: Irritating to eyes and skin. R51/53: Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment. R63: Possible risk of harm to the unborn child. R66: Repeated exposure may cause skin dryness or cracking. R67: Vapours may cause drowsiness and dizziness.
SAFETY PHRASES:	S9: Keep container in a well-ventilated place. S16: Keep away from sources of ignition – no smoking S23: Do not breathe vapour. S33: Take precautionary measures against static discharges. S36/37: Wear suitable protective clothing and gloves. S61: Avoid release to the environment. Refer to special instructions/safety data sheets.

PRECAUTIONARY PHRASES:	Restricted to professional users
NOTE: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national, international and local regulations or provisions.	

16. OTHER INFORMATION

RISK PHRASES USED IN SECTION 2:

R11: Highly flammable.
R36: Irritating to eyes.
R38: Irritating to skin.
R48/20: Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R63: Possible risk of harm to the unborn child.
R65: Harmful: may cause lung damage if swallowed.
R66: Repeated exposure may cause skin dryness or cracking.
R67: Vapours may cause drowsiness and dizziness.
R51/53: Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment

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Replace sheet of	05.01.09	Phill Blowers

This leaflet is for general guidance only and may contain inappropriate information under particular conditions. Samples will be provided on request to enable customers to satisfy themselves as to the suitability of the product for any specific purpose and to assess the product under their own working conditions. This company shall not be held liable for any damage resulting from handling or from contact with the above product.