

According to REACH Regulation (EC) No 1907/2006

Product Name	: Bonding Adhesive	Version	: 01
Product Code	: BA 25	Initial Date	: 27/01/2017
HS Code	: 350699009999	Revision Date:	10/02/2026

### SECTION 01: Identification of the substance/mixture and of the company/undertaking

Product name	Bonding Adhesive
Identified uses	Solvent based contact adhesive
Manufacturer / Supplier	Techno Rubber Company Ltd
Address	PO Box 3508, Dammam 34326, Kingdom of Saudi Arabia
Telephone	+966 13 812 3333
Website	www.technorubber.com.sa
Email	info@technorubber.com.sa
Association / Organisation	Techno Rubber Emergency Response
Telephone	+966 13 812 3333 (Sunday - Thursday 08:00-17:00)

### SECTION 02: Hazards identification

Classification of the substance or mixture (Directive 67/548/EEC or 1999/45/EC)	Highly flammable F; Xi; N
Emergency overview	Irritating to eye and skin. Moderate respiratory tract irritant. Harmful if swallowed.
Label elements (Directive 67/548/EEC or 1999/45/EC)	 F; Highly flammable  Xi; Irritant  N; Dangerous for the environment
Danger symbol and danger designation	
Other hazards	None
Additional information	HMIS Rating: - Health – 2 - Flammability – 4 - Reactivity – 0

### SECTION 03: Composition/information on ingredients

Mixtures Hazardous components	CAS number	Percentage (%)
Toluene	108-88-3	30
Acetone	67-64-1	20
Chlorinated Rubber	9010-98-4	20
Naphtha Solvent	8030-30-6	20
Phenolic Resin	9003-35-4	10

### SECTION 04: First aid measures

After Inhalation	If inhaled, immediate take the affected person to fresh air. Give sufficient oxygen. If not breathing, give artificial respiration. Get medical attention, if symptoms develop.
After skin contact	Rinse with running water and soap. Remove all contaminated clothing.
After eye contact	In case of contact with the eyes, rinse immediate with plenty of water and seek immediate medical attention.
After Ingestion	Do not induce vomiting, seek medical advice immediately.
Most important symptoms and effects, both acute and delayed	None
Indication of any immediate medical attention and special treatment needed	None

### SECTION 05: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media	Use water spray, foam, dry chemical or carbon dioxide.
Auto ignition temperature	Not available
Flammable/Explosive limits-lower	Not available
Flammable/Explosives limits-upper	Not available
Special fire fighting procedure	Person exposed to combustion should wear self-contained breathing apparatus and full protective equipment.

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Unusual fire or explosion hazards	Closed containers may explode when exposed to extreme heat. Vapours may form explosive mixtures with air. Vapours are heavier than air and may travel along floor to an ignition source.
Hazards combustion products	Carbon dioxide. Carbon monoxide

### SECTION 06: Accidental release measures

Special protection	Exposure to the spilled material may irritating or harmful. Follow personal protective equipment. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.
Clean up	Dike if necessary, contain spill with inert absorbent and transfer to containers for disposal. Keep spilled product out of sewers, watersheds or water systems. Shut off ignition sources, including electrical equipment and flames. Do not allow smoking in the area.

### SECTION 07: Handling and storage

Handling	Avoid contact with skin and eyes. Application, processing: provide good ventilation and extraction. Keep away from heat, sparks and flame. Wash thoroughly after handling. Keep the container closed. Do not cut or weld on or near this container.
Storage	Store in a cool, dry and ventilation location. Keep away from heat, sparks, flame and other source of ignition. Keep container closed.

### SECTION 08: Exposure controls/Personal protection

Control parameters N-HEXANE	Specification : ACGIH exposure limit Value : 50ppm TWA Specification : OSHA Value : 500 ppm TWA, 1800 mg/m3 TWA
Solvents (CAS-No.: 141-78-6)	Specification : ACGIH exposure limit Value : 54ppm TWA Specification : OSHA Value : 635 ppm TWA, NA
Personal protective equipments gloves	Nitrile
Respiratory protection	Respiratory protection may be required to avoid over exposure when handling thins product. Use a respirator if general room ventilation in not available or sufficient to

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	eliminate symptoms. NIOSH approved air purifying respirator with organic vapour cartridge. Respirators should be selected by and used following requirement found in OSHA's respirator standard (29 CFR 1910.134).
Eye protection	Wear safety glasses when handling this product.
Skin protection	Avoid skin contact by wearing chemically resistant gloves. Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent absorption so that the TVL is not invalidated.
Ventilation	Use local exhaust ventilation or other engineering controls to minimize exposures.
Additional information about Engineering measures	None

### SECTION 09: Physical and chemical properties

Form	Liquid
Colour	Yellowish
Odour	Solvent
Melting point/melting range	Not applicable
Boiling temperature/boiling range	Not applicable
Flash Point	Below 4 °C
Ignition Temperature	Not applicable
VOC (G/LTR) less exempt solvent	480+/-5%
Odour Threshold	Not applicable
Specific Gravity	0.85±0.05
Solid %	22±3%
Other Information	None

### SECTION 10: Stability and reactivity

Stability	Stable under normal conditions
Chemical Incompatibility	Strong oxidizing agents
Hazardous Polymerization	Will not occur
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide chlorine containing gases

### SECTION 11: Toxicological information

Component	LD 50/LC 50
Other Components	Not applicable

### SECTION 12: Ecological information

Persistence and degradability	Physical-chemical removability.
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### SECTION 13: Disposal considerations

Disposal	Please note: as per local municipal law or any other concerned authority.
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### SECTION 14: Transport information

UN number	1133
UN proper shipping name	IMO/IMDG-Code : ADHESIVES ICAO/IATA : ADHESIVES
Transport hazard class(es)	
IMDG-Code	Class : 3
ICAO/IATA	Class : 3
Packing group	II
Environmental hazards	None
Special precautions for user	The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

### SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture	
National regulatory information Emission control act ("TA-Luft")	National regulations must be observed.
Water pollution classification	Weight fraction (number 5.2.5. I) : < 1 % Class : 2 classification according to VwVwS

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Other regulations	Please consider possible restrictions of occupation after maternity protection guideline regulation or law for the protection of young workers
International regulatory information	Information to classification: according to test results of used raw materials R 51/53 is assigned.
Chemical safety assessment	There are no data available on the product itself

### SECTION 16: Other information

Further information	02.2 GHS –precautionary statements. 03. Hazardous components. 08.1 control
Relevant changes	parameters
R-Phrases of components	<p>11 Highly flammable</p> <p>36 Irritating to eyes</p> <p>36/37/38 Irritating to eyes, respiratory system and skin</p> <p>36/38 Irritating to eyes and skin</p> <p>38 Irritating to skin</p> <p>50/53 very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment</p> <p>51/53 aqu Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment</p> <p>65 Harmful: may cause lung damage if swallowed</p> <p>66 Repeated exposure may cause skin dryness or cracking</p>
GHS Hazard statements of components	<p>H225 Highly flammable liquid and vapour</p> <p>H290 May be corrosive to metals</p> <p>H304 May be fatal if swallowed and enters airways</p> <p>H314 Causes severe skin burns and eye damage</p> <p>H315 Causes skin irritation</p> <p>H319 Causes serious eye irritation</p> <p>H335 May cause respiratory irritation</p> <p>H336 May cause drowsiness or dizziness</p> <p>H400 Very toxic to aquatic life</p> <p>H410 Very toxic to aquatic life with long lasting effects</p> <p>H411 Toxic to aquatic life with long lasting effects</p>
Department issuing data sheet	Laboratory

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.