

ORIGINATED : 21/05/2001

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

Product Name : Bond

Product Code : BO 170

Use/Description of Product : Cyanoacrylate adhesive (SuperGlue). Specifically designed For General Usage in Bodyshop and mechanical Repair Situations in The automotive industry with searching and penetrating properties.

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients :

Substance Name	EINECS No.	CAS No.	% Conc Range	Hazard Symbols	Risk Phrases
ETHYL 2 CYANOACRYLATE	230-391-5	7085-85-0	70 – 90	Xi	36,37,38

3. HAZARD IDENTIFICATION

Classifications S May cause sensitisation by inhalation and skin contact

Risk Phrases R Risk of accidental skin bonding. Respiratory system Irritation.

Main Hazard Overview
Deliberately concentrating and inhaling the contents of this container is dangerous and can be fatal.

4. FIRST AID MEASURES (SYMPTOMS)

Skin Contact DANGER. Bonds skin in seconds.

Eye Contact DANGER. Bonds the eye and skin surrounding in seconds.

Ingestion There may be irritation of the throat.

Inhalation There may be irritation of the throat.

4. FIRST AID MEASURES (ACTIONS)

Skin Contact

Remove contaminated clothing, unless bonded to the skin. Accidentally bonded skin can be peeled apart using gentle pressure and a blunt instrument such as a spoon. **DO NOT** force. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. Separation of skin can be expected within 2 to 4 days. **DO NOT** use solvents or thinners.

Eye Contact

Irrigate copiously with clean, fresh water for at least 15 minutes. Accidental bonding should normally disassociate within a few days. **Do NOT** attempt to pull skin apart. An uncomfortable, irritating, feeling will accompany this accidental bonding, but the bond formed will soon break down .

Ingestion

If accidentally swallowed, **DO NOT** induce vomiting. This product will usually solidify upon contact with moisture, which means it is unlikely that it will be ingested. Material stuck around the mouth will release within a few hours.

Inhalation

Remove casualty from exposure ensuring one's own safety as well. Vapours may give rise to irritation to respiratory system, or eyes. If unconscious and breathing is correct, place in the recovery position. If conscious, ensure the casualty sits or lies down. Give nothing by mouth. Seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing Media : Alcohol resistant foam. Dry powder. Use water spray to Cool containers.

Exposure Hazards : Under heat may cause thermal decomposition and/or Rupture of the container. Toxic fumes are produced in fire

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

Wear suitable respiratory protection for large spillages and in confined spaces. Mark out contaminated Areas with signs to prevent access to unauthorised personnel. Turn leaking containers leak side up to prevent escape of liquid. Refer to section 8 of SDS for personal protection details.

Environmental Precautions

Do not allow large quantities to enter drains or water Courses. Contain spillage with bunding,

Clean-up Procedures

Absorb into dry earth/sand. Transfer to a closable labelled salvage container for disposal by appropriate method.

7. HANDLING AND STORAGE

Handling requirements

Ensure adequate ventilation. Avoid skin and eye contact.

Storage Conditions

Store in tightly closed labelled container. Store in a cool, well ventilated area out of direct sunlight. Refrigerated storage maintains optimum shelf life (2-8 Deg C) Keep from sources of ignition. Store away from strong oxidising agents and strong acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients :

Substance Name	Occupational Exposure Limit				Notation
	15 min WEL		8 hr WEL		
	ppm	Mg/m3	ppm	Mg/m3	
Ethyl 2 Cyanoacrylate	0.3	1.5			

Engineering Measures

Ensure there is sufficient ventilation of the area. The floor of the storage room must be impermeable to prevent the escape of liquids.

Respiratory Protection

Self contained breathing apparatus must be available in case of emergency.

Hand Protection

Protective gloves.

Eye protection

Eye protection or goggles designed to protect against liquid splashes should be worn.

Skin Protection

Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Thin, clear liquid in container
Colour	:	Opaque colourless
Odour	:	pronounced smell
Evaporation Rate	:	not established
Solubility in Water	:	Insoluble
Flash Point C	:	85 deg C

10. STABILITY AND REACTIVITY

Stability

Stable under normal conditions.

Conditions to avoid

High temperatures. Heat sources. Moisture and direct sunlight.

Materials to avoid

Strong oxidising agents. Water. Alkalis. Amines. Alcohol. Free radical initiators. Will polymerise rapidly in contact with these agents.

Haz. Decomp. Products

In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

Toxicity : May cause sensitization by inhalation or skin contact.

12. ECOLOGICAL INFORMATION

Aquatic Toxicity Effects	:	insoluble in water
Organic Toxicity Effects	:	low toxicity effects
Persistence/Mobility	:	non biodegradable
Bioaccumulation	:	No bioaccumulation potential

13. DISPOSAL INFORMATION

Do not discharge into drains or watercourses. Transfer into suitable container and dispose of in an appropriate manner.

14. TRANSPORT INFORMATION

Road/Rail	:	UN	3334	Packing Group	-
		IMDG	-	Packing Group	-
		IATA/ICAO	Class 9		
		ADR/RID	-	Item	-
		Transport Name	Aviation regulated liquid n.o.s (Cyanoacrylate ester)		

15. REGULATORY INFORMATION

The product is classified and labelled in accordance with directive 1999/45/EC. The product is classified in accordance with Annex VI to Directive 67/548/EEC.



Classifications	:	Harmful. Bonds skin in seconds.	
Risk Phrases	:	R36/37/38	Irritating to eyes, respiratory system and skin
Safety Phrases	:	S23 S24 S37	Do not breath vapour Avoid contact with skin wear suitable gloves
P Phrases	:	Protect from sunlight. Keep away from sources of ignition. Keep out of the reach of children. No smoking	

16. ADDITIONAL INFORMATION

Risk Phrases Listed in Section 2
R36/37/38 Irritating to eyes, respiratory system and skin

This safety data sheet is compiled with references to The Chemicals (hazard Information and Packaging for Supply) Regulations 2002 (CHIP3) which implement the Council Directives 67/548/EC (The Dangerous substance directive) and 99/45 (The Dangerous preparation directive), and subsequent regulations up to and including 2001/59/EC, which implements the 28th ATP of 67/548/EEC and 2001/60/EC, which implements the 1st ATP of 99/45/EC; and also the Safety Data sheets Directive 91/155/EC, as amended for the 2nd time by 2001/58/EC

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. This company shall not be held liable for any damage from handling or from contact with the above product.