

SAFETY DATA SHEET

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

Product Name : Bumper Bond

Product Code : BB 420

Use/Description of Product : Two Part 25ml adhesive paste green and pink in a clear Plastic tube specifically designed for general usage on metal to metal or metal to plastic, medium to heavy duty bonding of most common substrates.
Automotive mechanical and Bodyshop Specified uses

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Substance Name	EINECS No.	CAS No.	% Conc Range	Hazard Symbols	Risk Phrases
METHYL METHACRYLATE	201-297-1	80-62-6	30 - 50	F, Xi,	11,37/38, 43
2-HYDROXYETHYL METHACRYLATE	212-782-2	868-77-9	10 - 30	Xi,	36/38, 43
2,3-EPOXYPROPYL METHACRYLATE	203-441-9	106-91-2	01 - 10	Xn, Xi,	20/21/22, 36/38, 43
A,A-DIMETHYLBENZYL HYDROPEROXIDE	201-524-7	106-91-2	01 - 10	O, Xn, T, C, N	7, 21/22, 23, 34, 48/20/22, 51/53
METHACRYLIC ACID	201-204-4	79-41-4	01 - 10	Xn, C	21/22, 35

3. HAZARD IDENTIFICATION

Classifications : Highly flammable. Causes burns. Irritating to respiratory System. May cause sensitisation to skin.

Other hazards : In use, may form flammable/explosive vapour- air mixture.

4. FIRST AID MEASURES (SYMPTOMS) part 1

Skin Contact : There may be irritation at the site of contact.

Eye Contact : There may be irritation and/or redness. The eyes may water profusely.

Ingestion : There may be soreness and redness of the mouth or throat.

Inhalation : There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing for wheezing

4. FIRST AID MEASURES (ACTIONS) part 2

General

In all cases of doubt or when symptoms persist seek medical attention. Never give anything by mouth to an unconscious person.

Skin Contact

Remove all contaminated clothing and footwear immediately unless stuck to skin. Wash with plenty of soap and water.

Eye Contact

Bathe the eye with running water for 15 minutes. Consult a Doctor.

Ingestion

Wash out mouth with water. Consult a Doctor

Inhalation

Remove casualty from exposure ensuring one's own safety whilst doing so. Check for breathing and apply artificial respiration if necessary. Seek medical attention

5. FIRE-FIGHTING MEASURES

Extinguishing Media	:	Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.
Protection of Fire-fighters	:	Wear self contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.
Exposure Hazards	:	Highly flammable. In combustion emits toxic fumes. Forms explosive air-vapour mixture. Vapour may travel considerable distance to source of ignition and flash back.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Refer to section 8 of SDS for personal protection details. If outside, do not approach from downwind. If outside, keep bystanders upwind and away from danger point. 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. Eliminate all sources of ignition.

Environmental Precautions

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

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.

7. HANDLING AND STORAGE

Handling requirements

Avoid 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. Use non sparking tools.

Storage Conditions

Store in a cool, well ventilated area. Keep container lid tightly closed. Keep away from sources of ignition. Prevent the build up of electrostatic charge in the immediate area. Ensure lighting and electrical equipment are not a source of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients

Substance Name	Occupational Exposure Limit		Notation
	8 hr LTEL	15 min LTEL	
	Mg/m3	Mg/m3	
Methylmethacrylate,	208	416	
Methacrylic acid	72	143	

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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.

Hand Protection

Protective gloves

Eye protection

Safety Glasses. Ensure eye bath is to hand.

Skin Protection

Protective clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Liquid
Colour	:	Two part pink and green
Odour	:	Characteristic
Flash Point C	:	> 15deg C

10. STABILITY AND REACTIVITY

Stability	:	Stable under normal conditions
Conditions to avoid	:	Heat. Hot surfaces. Sources of ignition. Flames.
Materials to avoid	:	Strong oxidising agents. Strong acids.
Haz. Decomp. Products	:	In combustion emits toxic fumes.

11. TOXICOLOGICAL INFORMATION

METHYL METHYLACRYLATE		IPR RAT LD50 1328 mg/kg, ORL MUS RAT LD50 3625mg/kg, ORL RAT LD50 7872 mg/kg
2-HYDROXYETHYL METHACRYLATE		IPR RAT LD50 1250 mg/kg, ORL MUS RAT LD50 3275 mg/kg, ORL MUS LD50 5050 mg/kg.
2,3-EPOXYPROPYL METHACRYLATE		ORL MUS LD50 390 mg/kg, ORL RAT LD50 500 mg/kg
A,A-DIMETHYLBENZYL HYDROPEROXIDE		ORL MUS LDLO 5mg/kg, ORL RAT LD50 382 mg/kg, SCU RAT LD50 382 mg/kg.
METHACRYLIC ACID		ORL MUS LD50 1250 mg/kg, ORL RAT LD50 1600 mg/kg
Routes of exposure	:	Refer to section 4 of SDS for routes of exposure and Corresponding symptoms.

12. ECOLOGICAL INFORMATION

Mobility	:	Readily absorbed in soil
Persistence and degradability	:	Biodegradable
Bioaccumulative potential	:	No bioaccumulation potential

13. DISPOSAL INFORMATION

NB:

The users attention is drawn to the possible existence of regional or national regulation regarding disposal, Consult local Regulations. Do not dispose of in sewers or dump in underground water areas.

14. TRANSPORT INFORMATION

ADR/RID	UN no: 2920 Packing group: II	ADR Class: 8 Classification code: CF1
	Shipping name: CORROSIVE LIQUID, N.O.S 920METHYLPROPENOIC ACID; METHYL METHACRYLATE)	
	Labelling: 8+3	Hazard ID no; 83
IMDG/IMO	UN no: 2920 Packing group: II Marine Pollutant	Class 8 EmS: F-E,S-C Labelling 8+3
IATA/ICAO	UN no: 2920 Packing group: II Packing instructions: 808(P&CA); 812(CAO)	Class 8 subsidiary risk: 3 Labelling: 8+3

15. REGULATORY INFORMATION

The product is classified and labelled for supply in accordance with the Chemicals (Hazard Information & Packaging) Regulations as follows:



Hazard Symbols :	Highly flammable Corrosive
Risk Phrases :	34 Causes burns 11 Highly flammable 37 Irritating to respiratory system 43 May cause sensitisation by skin contact
Safety Phrases :	16 Keep away from sources of ignition 23 Do not breathe fumes 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical attention. 36/37/39 wear suitable protective clothing, gloves and eye/face protection. 45 In case of accident or if you feel unwell, seek medical advice immediately. (show the label where possible) 51 use only in well ventilated areas.

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 provision

16. ADDITIONAL INFORMATION

Risk Phrases used in s.2	R11 Highly flammable R37/38 Irritating to respiratory system and skin R43 May cause sensitisation by skin contact R36/38 Irritating to eyes and skin R20/21/22 Harmful by inhalation, in contact with skin and if Swallowed. R7 May cause fire R23 Toxic by inhalation R34 Causes burns R48/20/22 Harmful: danger of serious damage to health by Prolonged exposure through inhalation and if swallowed. R51/53 Toxic to aquatic organisms, may cause long term adverse effects in the aquatic environment. R35 Causes severe burns.
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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 resulting from handling or from contact with the above product.