

Technical Data Sheet

AIP PP 3000

Advanced Adhesives

LIQUID PRODUCTS  SOLID SOLUTIONS

Description

PP 3000 is specifically developed for bonding structurally, low energy surfaces like polypropylene (PP) Polyethylene (PE) and other Thermoplastic Olefins (TPO), commonly known as Polyolefins. Low surface energy plastics repel rather than attract adhesion and are notoriously difficult to bond with almost any kind of adhesive on account of their non-polar, non-porous and chemically inert surfaces. PP3000 will bond these without surface treatments. The wide use of polyethylene and polypropylene plastics as well as their co-polymers and alloys has increased interest in adhesives bonding these materials.

Features

Bonds similar substrates
No Pre-surface treatments or primers
Non flammable & low odour formulation
Room temperature cure
Solvent free with no volatiles
Good chemical water and humidity resistance
Easy to use and dispense.

Substrates

PE, PP, ABS, PVC
TPO Thermoplastic Olefins
Polycarbonate
Steel, Aluminium,

Appearance

PP3000 is usually off white and smooth once mixed and dispensed. However, in the curing process the reaction of the material causes a rippling/foaming appearance on the surface outside of the bond line which is normal and indicates it is chemically reactive and correctly mixed.

Technical Data.

	Part A	Part B
Colour	Resin off white	Hardener translucent
Specific Gravity	0.99	0.98
Viscosity sp 3@10rpm Brookfield	7,5000-8,500cps	5,000-6,000cps
Base resin	Methacrylate	Amine
Mix Ratio	1	1
Flash Point	>85 °C	>85°C
Peak exotherm	<25°C	
Handling Time - light duty	<20 mins	
Handling time - heavy duty	2 hrs	
Working time in nozzle @ 20°C	4 mins	
Full Cure - structural integrity	24 hrs min.	
Sore Hardness (ASTM D-2240)	55	
Temperature Range	-40°C to +140°C	

Typical Bonded Properties

PE	Substrate Failure	>8 N/mm ²
PP	Substrate Failure	>8 N/mm ²
LDPE	Substrate Failure	>6 N/mm ²
ABS	Substrate Failure	>7 N/mm ²
Polycarbonate	Substrate Failure	>6 N/mm ²
PMMA	Substrate Failure	>7 N/mm ²
Polystyrene	Substrate Failure	>5 N/mm ²
PVC (hard)	Cohesive failure	>10 N/mm ²
FRP	Cohesive Failure	>15 N/mm ²
Aluminium/ Aluminium	Cohesive Failure	>14 N/mm ²
Stainless /PE	Substrate Failure (PE)	>8 N/mm ²
Mild Steel/PE	Substrate Failure (PE)	>8 N/mm ²
Aluminium /PE	Substrate Failure (PE)	>8 N/mm ²
Oiled Steel	Cohesive Failure	>12 N/mm ²

Test Methods

Cured 75 hours @ 25°C

75mm x 25mm x 25mm overlap (metal)

75mm x 25mm x 12.5mm overlap (plastic)

Cross speed : 5mm/min load cell: 30Kn.

Storage Conditions

Store product in the unopened cartridge in a dry location out of direct sunlight. Ideal temperature 5 -8°C , Properties are affected outside of this range. Shelf life of the product is 6 months from the date of manufacture.

PP3000 is RoHs Compliant

Application

Fit cartridge into 1:1 bi-mixer gun. Remove cap. Equalise cartridge by dispensing a small bead from each side. Affix nozzle. Dispense and discard a mixed bead of adhesive, approx. 10mm. Bond parts. Bonding is assisted by surface preparation whether it is a solvent wipe or washing with isopropyl alcohol or acetone. Once the bonds are made and clamped they should be stored without stress under a good clamped load for up to 2 hours. If you need to speed up the process it is possible to apply localised heat for a short time but only after you have allowed the adhesive to achieve fixture time which is about 5 minutes. Heat can be applied of around 70°C for up to 30 mins. Bond line thickness is important, so try to maintain a reasonable gap above the minimum; otherwise the product performance can be compromised by having too little adhesive coverage in the bond line. Remove nozzle and re-apply the cap on completion. For re-use of the cartridge, clean cartridge aperture and return to original procedure.

The information contained herein relates only to the specific material identified. Advanced Adhesives believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, expressed or implied, is made as to the accuracy, reliability, or completeness of the information. Advanced Adhesives urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application.

SAFETY DATA SHEET

PP3000. PP Plastic Bonder - PART A

Page: 1

Compilation date: 11/07/2017

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: PP3000. PP Plastic Bonder - PART A

Product code: PP3000 PART A

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: Advanced Adhesives
Architectural House
Plummer Street
Newcastle upon Tyne
NE4 7AB
UK

Tel: +44 (0) 191 272 2982

Fax: +44 (0) 191 272 1747

Email: technical@advancedadhesives.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: Xi: R36/37/38; Sens.: R43

Classification under CLP: Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317; STOT
SE 3: H335

Most important adverse effects: Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.

2.2. Label elements

Label elements under CLP:

Hazard statements: H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

Signal words: Warning

Hazard pictograms: GHS07: Exclamation mark



[cont...]

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Precautionary statements: P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312: Call a POISON CENTER or doctor if you feel unwell.
P321: Specific treatment (see information on this label).

Label elements under CHIP:

Hazard symbols: Irritant.



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

R43: May cause sensitisation by skin contact.

Safety phrases: S24: Avoid contact with skin.

S37: Wear suitable gloves.

2.3. Other hazards

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

TETRAHYDROFURFURRYL METHACRYLATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
219-529-5	2455-24-5	Xi: R36/37/38	Aquatic Chronic 3: H412	60-90%

METHYL METHACRYLATE

201-297-1	80-62-6	F: R11; Xi: R37/38; Sens.: R43	Flam. Liq. 2: H225; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	5-10%
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2-METHYLPROPENOIC ACID

201-204-4	79-41-4	Xn: R21/22; C: R35	Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314	1-5%
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MALEIC ACID

203-742-5	110-16-7	Xn: R22; Xi: R36/37/38; Sens.: R43	Acute Tox. 4: H302; Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	1-5%
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Section 4: First aid measures

[cont...]

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4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately 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. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

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

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

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

[cont...]

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PP3000. PP Plastic Bonder - PART A

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6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

METHYL METHACRYLATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	208 mg/m ³	416 mg/m ³	-	-

2-METHYLPROPENOIC ACID

UK	72 mg/m ³	143 mg/m ³	-	-
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8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

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.

Section 9: Physical and chemical properties

[cont...]

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9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Off-white

Odour: Characteristic odour

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Boiling point/range°C: 200

Flash point°C: 90

Vapour pressure: 35 hpa

Relative density: 0.96

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

METHYL METHACRYLATE

IPR	RAT	LD50	1328	mg/kg
ORL	MUS	LD50	3625	mg/kg
ORL	RAT	LD50	7872	mg/kg

[cont...]

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2-METHYLPROPENOIC ACID

ORL	MUS	LD50	1250	mg/kg
ORL	RAT	LD50	1600	mg/kg

MALEIC ACID

ORL	MUS	LD50	2400	mg/kg
ORL	RAT	LD50	708	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT INH DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

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

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

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

[cont...]

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PP3000 PLASTIC BONDER - PART A

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13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

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

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H225: Highly flammable liquid and vapour.

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

R11: Highly flammable.

R21/22: Harmful in contact with skin and if swallowed.

R22: Harmful if swallowed.

R35: Causes severe burns.

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

R37/38: Irritating to respiratory system and skin.

R43: May cause sensitisation by skin contact.

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.

SAFETY DATA SHEET

PP3000. PP Plastic Bonder- PART B

Page: 1

Compilation date: 25/04/2014

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: PP3000. PP Plastic Bonder- PART B

Product code: PP3000 Part B

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of substance / mixture: PC1: Adhesives, sealants.

1.3. Details of the supplier of the safety data sheet

Company name: Advanced Adhesives
Architectural House
Plummer Street
Newcastle upon Tyne
NE4 7AB

Tel: +44 (0) 191 272 2982

Fax: +44 (0) 191 272 1747

Email: Technical@advancedadhesives.co.uk

1.4. Emergency telephone number

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CHIP: F: R11; Xi: R36/37/38; Sens.: R43

Classification under CLP: STOT SE 3: H335; Eye Dam. 1: H318; Flam. Liq. 2: H225; Skin Irrit. 2: H315; Skin Sens. 1: H317

Most important adverse effects: Highly flammable. Irritating to eyes, respiratory system and skin. May cause sensitisation by skin contact.

2.2. Label elements

Label elements under CLP:

Hazard statements: H225: Highly flammable liquid and vapour.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

Signal words: Danger

Hazard pictograms: GHS02: Flame

[cont...]

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PP3000. PP Plastic Bonder- PART B

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GHS05: Corrosion

GHS07: Exclamation mark



Precautionary statements: P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310: Immediately call a POISON CENTER or doctor.
P321: Specific treatment (see information on this label).

Label elements under CHIP:

Hazard symbols: Highly flammable.

Irritant.



Risk phrases: R11: Highly flammable.
R36/37/38: Irritating to eyes, respiratory system and skin.
R43: May cause sensitisation by skin contact.

Safety phrases: S24: Avoid contact with skin.
S37: Wear suitable gloves.

2.3. Other hazards

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

PBT: This product is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

METHYL METHACRYLATE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
201-297-1	80-62-6	F: R11; Xi: R37/38; Sens.: R43	Flam. Liq. 2: H225; STOT SE 3: H335; Skin Irrit. 2: H315; Skin Sens. 1: H317	60-90%

[cont...]

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TRIETHYLBORANE-1,3-DIAMINOPROPANE

-	148861-07-8	Xn: R21; C: R35; Sens.: R43	Acute Tox. 4: H312; Skin Corr. 1A: H314; Skin Sens. 1: H317	1-5%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately 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. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

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

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

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Water spray. Carbon dioxide. Dry chemical powder. Use water spray to cool containers.

5.2. Special hazards arising from the substance or mixture

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.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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

[cont...]

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leaking containers leak-side up to prevent the escape of liquid. Eliminate all sources of ignition.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

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.

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid direct 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.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container 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.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

METHYL METHACRYLATE

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	208 mg/m3	416 mg/m3	-	-

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

[cont...]

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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.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Off-white

Odour: Characteristic odour

Solubility in water: Slightly soluble

Also soluble in: Most organic solvents.

Boiling point/range°C: 100

Flash point°C: 11

Vapour pressure: 25 hpa

Relative density: 0.96

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions. Stable at room temperature.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat. Hot surfaces. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects

[cont...]

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Hazardous ingredients:

METHYL METHACRYLATE

IPR	RAT	LD50	1328	mg/kg
ORL	MUS	LD50	3625	mg/kg
ORL	RAT	LD50	7872	mg/kg

Relevant effects for mixture:

Effect	Route	Basis
Irritation	OPT INH DRM	Hazardous: calculated
Sensitisation	DRM	Hazardous: calculated

Symptoms / routes of exposure

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

Eye contact: There may be irritation and redness. The eyes may water profusely.

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

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

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

[cont...]

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

Section 14: Transport information

14.1. UN number

UN number: UN1133

14.2. UN proper shipping name

Shipping name: ADHESIVES

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 3

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and 3: H225: Highly flammable liquid and vapour.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

R11: Highly flammable.

R21: Harmful in contact with skin.

[cont...]

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R35: Causes severe burns.

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

R37/38: Irritating to respiratory system and skin.

R43: May cause sensitisation by skin contact.

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.