



SAFETY DATA SHEET
PIPESEAL PTFE LIQUID

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Compilation date: 09/12/2014

Revision date: 05/02/2016

Revision No: 7

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

1.1. Product identifier

Product name: PIPESEAL PTFE LIQUID

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

Use of substance / mixture: Jointing compound.

1.3. Details of the supplier of the safety data sheet

Company name: ROCOL

ROCOL House

Swillington

Leeds

West Yorkshire

LS26 8BS

ENGLAND

Tel: +44 (0) 113 232 2700

Fax: +44 (0) 113 232 2740

Email: customer-service@rocol.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 113 232 2600

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: STOT SE 3: H336; Eye Irrit. 2: H319; Flam. Liq. 2: H225

Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation. May cause drowsiness or dizziness.

2.2. Label elements

Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark



[cont...]

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Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+340: IF INHALED: Remove person to fresh air and keep 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.

2.3. Other hazards

Other hazards: Combustion may also generate: decomposition products that may lead to polymer fume fever (24 - 48 hr influenza-like symptoms).

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

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

PROPAN-2-OL

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	30-50%

CHINA CLAY - REACH registered number(s): EXEMPTED IN ACCORDANCE WITH ANNEX 7

310-194-1	1332-58-7	Substance with a Community workplace exposure limit.	-	10-30%
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TITANIUM DIOXIDE

-	13463-67-7	Substance with a Community workplace exposure limit.	-	1-10%
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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.

Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. If conscious, give half a litre of water to drink immediately. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If conscious, ensure the casualty sits or lies down. If unconscious and breathing is OK, place in the recovery position. Consult a doctor.

[cont...]

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

Skin contact: Irritation or pain may occur at the site of contact. Absorption through the skin may be fatal.

Eye contact: There may be irritation and redness. The eyes may water profusely. May cause permanent blindness.

Ingestion: There may be soreness and redness of the mouth and throat. Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur. Nausea and stomach pain may occur.

Delayed / immediate effects: No data available.

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

Immediate / special treatment: No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Highly flammable. Toxic. 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: Eliminate all sources of ignition. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. 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.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Clean-up should be dealt with only by qualified personnel familiar with the specific substance. 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. Refer to section 13 of SDS.

[cont...]

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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.
Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. 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:

PROPAN-2-OL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	400 ppm, 999 mg/m ³	500 ppm, 1250 mg/m ³	-	-

CHINA CLAY

EU	-	-	4	-
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TITANIUM DIOXIDE

UK	-	-	4mg/m ³	-
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DNEL/PNEC Values

Hazardous ingredients:

TITANIUM DIOXIDE

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	10	Workers	Systemic
PNEC	Fresh water	0.127	-	-
PNEC	Marine water	1	-	-
PNEC	Fresh water sediments	1000	-	-
PNEC	Soil (agricultural)	100	-	-
PNEC	Microorganisms in sewage treatment	100	-	-

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.

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Respiratory protection: Respiratory protection not normally required.

Hand protection: Butyl gloves. Impermeable gloves.

Eye protection: Safety glasses with side-shields. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Environmental: No data available

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: White

Odour: Characteristic odour

Evaporation rate: Fast

Oxidising: Non-oxidising (by EC criteria)

Solubility in water: Slightly soluble

Viscosity: Non-viscous

Boiling point/range°C: > 60

Melting point/range°C: < 0

Flammability limits %: lower: No data available.

upper: No data available.

Flash point°C: 17

Part.coeff. n-octanol/water: No data available.

Autoflammability°C: > 200

Vapour pressure: No data available.

Relative density: 1.6

pH: No data available.

VOC g/l: No data available.

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.

10.4. Conditions to avoid

Conditions to avoid: Heat. Direct sunlight.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes. In combustion emits toxic fumes of hydrogen fluoride.

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Combustion may also generate: decomposition products that may lead to polymer fume fever (24 - 48 hr influenza-like symptoms).

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg
ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

TITANIUM DIOXIDE

DUST/MIST	RAT	4H LC50	>6.8	mg/l
ORAL	RAT	LD50	>5000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated
STOT-single exposure	-	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: Irritation or pain may occur at the site of contact. Absorption through the skin may be fatal.

Eye contact: There may be irritation and redness. The eyes may water profusely. May cause permanent blindness.

Ingestion: There may be soreness and redness of the mouth and throat. Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest. Drowsiness or mental confusion may occur. Nausea and stomach pain may occur.

Delayed / immediate effects: No data available.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

[cont...]

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CHINA CLAY

ALGAE	72H IC50	> 1000	mg/l
DAPHNIA	48H EC50	> 1000	mg/l
FISH	96H LC50	> 1000	mg/l

12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: Slightly bioaccumulable.

12.4. Mobility in soil

Mobility: Volatile. Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

Recovery operations: No data available

Disposal of packaging: Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

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: UN1993

14.2. UN proper shipping name

Shipping name: FLAMMABLE LIQUID, N.O.S.
(contains propan-2-ol, xylene)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

[cont...]

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14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No data available

Section 15: Regulatory information

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

Specific regulations: No data available

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

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Product label must specify:

CONTAINS SUBSTANCE(S):

PROPAN-2-OL (CAS 67-63-0)
.....

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

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

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.

