Technical Data

Performance you can trust

HYLOMAR JOINTING Compound

Non-setting sealant and gasket compound for threaded and flanged joints

Product Overview

ROCOL® HYLOMAR JOINTING Compound is a blue non-setting sealant for the effective sealing of metal to metal & most plastic to plastic components.

ROCOL HYLOMAR JOINTING Compound can withstand high temperatures and vibration often found in demanding jointing applications.

ROCOL HYLOMAR JOINTING Compound is particularly effective for sealing flanges subjected to extreme vibration and distortion.

Typical Applications

ROCOL HYLOMAR JOINTING Compound is resistant to a wide range of fluids including all industrial fuels, oils, water, brine, air, turbine and piston engine combustion products, water, water/glycol, methanol mixtures, petroleum, synthetic diester lubricating oils, gasoline, lubricating oils, gasoline, kerosene fluids and most fluorocarbon refrigerants.

Features and Benefits

- ROCOL HYLOMAR JOINTING Compound has an excellent temperature range from -50°C to 250°C.
- ROCOL HYLOMAR JOINTING Compound can resist pressures of up to 35 bar (500 psi).
- Joints sealed with ROCOL HYLOMAR JOINTING Compound are easy to break and clean.
- ROCOL HYLOMAR JOINTING Compound is non-setting and non-hardening and resists vibration, thermal expansion and contraction of joints.

Directions for Storage and Use

- ROCOL HYLOMAR JOINTING Compound should not be applied in sub-zero temperatures.
- Ensure surfaces are clean and free of contaminants before applying ROCOL HYLOMAR JOINTING Compound.
- Apply a bead of ROCOL HYLOMAR JOINTING Compound from the tube which can then be spread out by hand or with a brush if required.
- Joints should be assembled within 15 minutes of applying the ROCOL HYLOMAR JOINTING Compound.
- Pressure testing should only be carried out after the ROCOL HYLOMAR JOINTING Compound has been allowed to dry for a minimum of 30 minutes at an ambient temperature of 20°C to 25°C. Drying time will be lengthened if the ambient temperature is lower.
- The storage temperature of ROCOL HYLOMAR JOINTING Compound should be controlled between +1°C and +40°C.
- The shelf life of ROCOL HYLOMAR JOINTING Compound is 1 years from date of manufacture.

Pack Sizes

Pack Size	Part Code
100g	28060

T +44 (0) 113 232 2600
F +44 (0) 113 232 2740
E customer-service@rocol.com
www.rocol.com
ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

HYLOMAR JOINTING Compound

Non-setting sealant and gasket compound for threaded and flanged joints

Property	Test Method	Result
Appearance	**Visual**	**Soft blue paste**
Base Type	**N/A**	**Polyester urethane & solvent**
Solids	**N/A**	**Silica**
Temperature Range	**N/A**	**-50˚C to 250˚C**
Pressure Resistance	**N/A**	**35 bar (500 psi)**
Thickness of Residue	**N/A**	**0.03mm**
Surface Finish	**N/A**	**3.0 micron maximum**
Area covered by 100g	**N/A**	**1.275m^2**

Values quoted above are typical and do not constitute a specification.

Safety Data Sheets

Safety data sheets are available for download from our website www.rocol.com or may be obtained from your usual ROCOL contact.

Issue: 2 Date: 03-11

T +44 (0) 113 232 2600
F +44 (0) 113 232 2740
E customer-service@rocol.com
www.rocol.com
ROCOL House, Swillington, Leeds LS26 8BS

Registered Company No. 559693 VAT No. 742 0531 67
Registered Office: Admiral House, St Leonard's Road, Windsor, Berkshire SL4 3BL

ROCOL A division of ITW Ltd

BS EN ISO 9001 Certificate No. FM 12448
BS EN ISO 14001 Certificate No. EMS 67596
OHSAS 18001 Certificate No. OHS 78173

INVESTORS IN PEOPLE

SAFETY DATA SHEET

HYLOMAR JOINTING COMPOUND

Compilation date: 22/11/2012

Revision No: 5

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

1.1. Product identifier

Product name: HYLOMAR JOINTING COMPOUND

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 CHIP: Xn: R40

Most important adverse effects: Limited evidence of a carcinogenic effect.

2.2. Label elements

Label elements under CHIP:

Hazard symbols: Harmful.

Risk phrases: R40: Limited evidence of a carcinogenic effect.

Safety phrases: S36/37: Wear suitable protective clothing and gloves.

2.3. Other hazards

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

[cont...]

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

DICHLOROMETHANE

EINECS	CAS	CHIP Classification	CLP Classification	Percent
200-838-9	75-09-2	Xn: R40	Carc. 2: H351	30-50%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: 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. Do not induce vomiting. 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. Drowsiness or mental confusion may occur.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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.

[cont...]

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Do not use equipment in clean-up procedure which may produce sparks. 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

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Do not handle in a confined space.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

DICHLOROMETHANE

Workplace exposure limits: **Respirable dust**

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	350 mg/m3	1060 mg/m3	-	-

8.2. Exposure controls

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

Respiratory protection: Respiratory protection not normally required.

Hand protection: Protective gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Blue

Odour: Characteristic odour

[cont...]

Evaporation rate: Fast
Oxidising: Non-oxidising (by EC criteria)
Solubility in water: Insoluble
Viscosity: Viscous
Boiling point/range°C: 40
Flash point°C: -
Autoflammability°C: 600
Vapour pressure: 355mmHg @ 20°C
Relative density: 1.32

9.2. Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: 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 of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: Not applicable.

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. Drowsiness or mental confusion may occur.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: Not applicable.

[cont...]

12.2. Persistence and degradability

Persistence and degradability: Only slightly biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Volatile. Insoluble in water. Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

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: UN2810

14.2. UN proper shipping name

Shipping name: TOXIC LIQUID, ORGANIC, N.O.S. (DICHLOROMETHANE)

14.3. Transport hazard class(es)

Transport class: 6.1

14.4. Packing group

Packing group: III

14.5. Environmental hazards

Environmentally hazardous: No **Marine pollutant:** No

14.6. Special precautions for user

Section 15: Regulatory information

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

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.

[cont...]

Section 16: Other information

Other information

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

Compiled in accordance with REACH.

Phrases used in s.2 and 3: H351: Suspected of causing cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

R40: Limited evidence of a carcinogenic effect.

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.