



Instant Red Gasket (Pressure Pack)

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830
Date of issue: 2-11-2011 Revision date: 3-11-2017 Supersedes: 22-1-2015 version: 3.1

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

1.1. Product identifier

Product form : Mixture
Product name : Instant Red Gasket (Pressure Pack)
Product code : PP200R
Type of product : Paste

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

1.2.1. Relevant identified uses

Main use category : Professional use
Use of the substance/mixture : Automotive care products
Sealant.

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

MPM International Oil Company
Cyclotronweg 1
2629 HN Delft - Nederland
T +31 (0)15 2514030 - F +31 (0)15 2514031
msds@mpmoil.nl - www.mpmoil.nl

1.4. Emergency telephone number

Emergency number : +31 (0)15 2514030 (08.00 - 17.00 GMT+1)

Country	Official advisory body	Address	Emergency number	Comment
Ireland	National Poisons Information Centre Beaumont Hospital	Beaumont Hospital Beaumont Road 9 Dublin	: +353 1 8379964	
United Kingdom	Guy's & St Thomas' Poisons Unit Medical Toxicology Unit, Guy's & St Thomas' Hospital Trust	Avonley Road SE14 5ER London	+44 20 7188 7188	

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Aerosol, Category 3 H229

Full text of H statements : see section 16

Adverse physicochemical, human health and environmental effects

The product is tested according to 92/69 / EEC and is not classified as irritating to skin and eyes.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

CLP Signal word : Warning
Hazard statements (CLP) : H229 - Pressurised container: May burst if heated.
Precautionary statements (CLP) : P101 - If medical advice is needed, have product container or label at hand.
P102 - Keep out of reach of children.
P103 - Read label before use.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P251 - Do not pierce or burn, even after use.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.
EUH-statements : EUH210 - Safety data sheet available on request.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

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3.2. Mixtures

Name	Product identifier	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
methylsilanetriyl triacetate	(CAS-No.) 4253-34-3 (EC-No.) 224-221-9 (REACH-no) 01-2119962266-32	1 - 2,5	Acute Tox. 4 (Oral), H302 Skin Corr. 1B, H314
propyltriacetoxysilane	(CAS-No.) 17865-07-5 (EC-No.) 241-816-9 (REACH-no) 01-2119966899-07	1 - 2,5	Skin Corr. 1B, H314
trans-1,3,3,3-Tetrafluoroprop-1-ene	(CAS-No.) 29118-24-9 (REACH-no) 01-0000019758-54	1 - 2,5	Press. Gas (Comp.), H280

Full text of H-statements: see section 16

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation	: Provide fresh air. Get medical advice/attention if you feel unwell.
After skin contact	: If irritation persists, consult a specialist.
After eye contact	: In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Consult a doctor.
After ingestion	: Get medical advice/attention. Rinse mouth. Make him/her drink plenty of water.

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

No additional information available

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

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : water spray, powder, foam and CO₂.

5.2. Special hazards arising from the substance or mixture

Reactivity in case of fire : Product is not explosive.

5.3. Advice for firefighters

Precautionary measures fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Firefighting instructions	: Use water spray or fog for cooling exposed containers.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : No particular/specific measures required.

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

No additional information available

6.2. Environmental precautions

Do not release in groundwater, surfacewater or sewerage. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Large spills: scoop solid spill into closing containers.

6.4. Reference to other sections

Information on personal protective equipment - see Chapter 8. Information on disposal - see Section 13. Information on safe handling - see Section 7.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat and direct sunlight. Do not spray on a naked flame or any incandescent material. Do not pierce or burn, even after use.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in original container. Keep cool. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.

Storage area : Observe official regulations on storing packagings with pressurized containers.

7.3. Specific end use(s)

No additional information available

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional information : The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace

8.2. Exposure controls

Technical measures:

Ensure good ventilation of the work station.

Materials for protective clothing:

Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Suitable material: nitrile rubber

Hand protection:

When handling chemical substances, chemical protective gloves must be worn with CE label including a four digit code.

Type	Material	Permeation	Thickness (mm)	Penetration	Standard
	Nitrile rubber (NBR)		>- 0.5 mm		

Eye protection:

Safety glasses

Respiratory protection:

No personal breathing protective equipment is normally required

Other information:

The usual precautions for handling chemicals should be observed.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Paste.
Colour	: red.
Odour	: characteristic.
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: > 100 °C
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Density	: 1080 g/l
Solubility	: Water: Insoluble
Log Pow	: No data available
Viscosity, kinematic	: 64814,815 mm ² /s
Viscosity, dynamic	: 70000 mPa·s
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

Product is not explosive.

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10.2. Chemical stability

No additional information available

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

No additional information available

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified

Acute toxicity (dermal) : Not classified

Acute toxicity (inhalation) : Not classified

methysilanetriyl triacetate (4253-34-3)

LD50 oral rat	1600 mg/kg
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Skin corrosion/irritation : Not classified

Additional information : No irritant effect

Serious eye damage/irritation : Not classified

Additional information : Slightly irritant to eyes

Respiratory or skin sensitisation : Not classified

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : Not classified

Aspiration hazard : Not classified

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Viscosity, kinematic	64814,815 mm ² /s
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Other information : When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

SECTION 12: Ecological information

12.1. Toxicity

General : Do not release in groundwater, surfacewater or sewerage.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Waste disposal according to official state regulations.

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European List of Waste (LoW) code	: 08 00 00 - WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS 08 04 00 - wastes from MFSU of adhesives and sealants (including waterproofing products) 08 04 10 - waste adhesives and sealants other than those mentioned in 08 04 09 16 00 00 - WASTES NOT OTHERWISE SPECIFIED IN THE LIST 16 05 00 - gases in pressure containers and discarded chemicals 16 05 04* - gases in pressure containers (including halons) containing dangerous substances 15 00 00 - WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED 15 01 00 - packaging (including separately collected municipal packaging waste) 15 01 04 - metallic packaging
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SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG
14.1. UN number	
UN 1950	UN 1950
14.2. UN proper shipping name	
AEROSOLS	AEROSOLS
Transport document description	
UN 1950 AEROSOLS, 2.2, (E)	UN 1950 AEROSOLS, 2.2
14.3. Transport hazard class(es)	
2.2	2.2
	
14.4. Packing group	
Not applicable	Not applicable
14.5. Environmental hazards	
Dangerous for the environment : No	Dangerous for the environment : No Marine pollutant : No
No supplementary information available	

14.6. Special precautions for user

Overland transport

Classification code (ADR)	: 5A
Limited quantities (ADR)	: 1I
Transport category (ADR)	: 3
Tunnel restriction code (ADR)	: E

Transport by sea

Limited quantities (IMDG)	: SP277
EmS-No. (Fire)	: F-D
EmS-No. (Spillage)	: S-U
Stowage and handling (IMDG)	: SW1, SW22
Segregation (IMDG)	: SG69

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

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Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

15.1.2. National regulations

No additional information available

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Indication of changes:

Section	Changed item	Change	Comments
	Segregation (IMDG)	Added	
	Stowage and handling (IMDG)	Added	
	Extra phrases	Added	
	Supersedes	Added	
	Revision date	Modified	
	SDS EU format	Modified	
3	Composition/information on ingredients	Modified	

Full text of H- and EUH-statements:

Acute Tox. 4 (Oral)	Acute toxicity (oral), Category 4
Aerosol 3	Aerosol, Category 3
Press. Gas (Comp.)	Gases under pressure : Compressed gas
Skin Corr. 1B	Skin corrosion/irritation, Category 1B
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
EUH210	Safety data sheet available on request.

SDS MPM REACH

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.