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<p>1. Section 1. Identification of the substance/mixture and of the company/undertaking:</p> <p>1.1. Product identifier : TOP GASKET - 05.0002</p> <p>1.2. Relevant identified uses of the substance or Sealing rubber mixture and uses advised against:</p> <p>1.3. Details of the supplier of the safety data sheet: Identification of manufacturer/Supplier: RETECH, s.r.o. Vackova 1541/4 150 00 Praha-5 Stodůlky Telephone/Fax: +420 327 596 128, +420 327 596 428 Information: info@retech.cz</p> <p>1.4. Emergency telephone number: RETECH Suchdol 212, Suchdol u Kutné Hory Tel.+420 327 596 128 (7.30-16.00 hour) Toxicology information number, Na bojišti 1, 128 08 PRAHA 2 Tel. +420 224 919 293, +420 224 915 402 (24 hours a day)</p>	<p>2. Section 2. Hazard identification: The product is labeled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version. The classification is in line with current EC lists, It is expanded, however, by information from technical literature and by information furnished by supplier companies.</p> <p>2.1. Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008: The product is not classified according to the CLP regulation.</p> <p>Classification according to Directive 67/548/EEC or Directive 1999/45/EC: The product is not classified according to Directive 1999/45/EC.</p> <p>2.2. Label elements: Labelling according to Regulation (EC) No 1272/2008: No labeling.</p> <p>Labelling according to Directive 1999/45/EC: No labeling.</p> <p>Special labeling of certain preparations: Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.</p> <p>2.3. Other hazards: Results of PBT and vPvB assessment: PBT: Not applicable vPvB: Not applicable A small quantity of free acetic acid can cause irritation of eyes, skin and respiratory system.</p>									
<p>3. Section 3. Composition/information on ingredients:</p> <p>3.2. Mixtures: Description: The active ingredient in propellants. Propellant compressed air.</p> <p>Dangerous components:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">CAS: 811-97-2</td> <td style="width: 33%;">Norflurane (1,1,1,2 Tetrafluoroethane)</td> <td style="width: 33%;">5-10%</td> </tr> <tr> <td>EINECS: 212-377-0</td> <td>-----</td> <td></td> </tr> <tr> <td>CAS: 4253-34-3</td> <td>Methylsilanetriyl-triacetate</td> <td>1-5%</td> </tr> </table>	CAS: 811-97-2	Norflurane (1,1,1,2 Tetrafluoroethane)	5-10%	EINECS: 212-377-0	-----		CAS: 4253-34-3	Methylsilanetriyl-triacetate	1-5%	
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EINECS: 224-221-9	Xn R22; C R34	
CAS: 17689-77-9	Triacetoxyethylsilane	1-5-%
EINECS: 241-677-4	Xn R22; C R34	

Additional information: For the wording of the listed risk phrases refer to section 16.

4. Section 4. First aid measures:

4.1. Description of first aid measures:

After inhalation: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

After skin contact: Instantly remove any clothing soiled by the product, immediately wash with water and soap and rinse thoroughly. Get medical attention if irritation persists after washing.

After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

After swallowing: Do not induce vomiting, seek for medical advice immediately.

Most important symptoms and effects, both acute and delayed: No further relevant information available.

Indication of any immediate medical attention and special treatment needed: No further relevant information available.

5. Section 5. Fire fighting measures:

5.1. Extinguishing media:

Suitable extinguishing agents: Carbon dioxide (CO₂), fire-extinguishing powder, water haze or alcohol resistant foam.

For safety reasons unsuitable extinguishing agents: Information not available.

5.2. Special hazards arising from the substance or mixture:

Toxicity gases vapours/fumes of: Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3. Advice for firefighters: Pressurized container may explode when overheated. Cool the container with water.

6. Section 6. Accidental release measures:

6.1. Personal precautions, protective equipment and emergency procedures:

Wear protective equipment see Section 8.2. Keep unprotected persons away. Ensure adequate ventilation.

6.2. Environmental precautions:

Not dangerous for environment.

6.3. Methods and material for containment and cleaning up:

Ensure adequate ventilation.

Let the product harden, collect mechanically and clean according to Section 13.

6.4. Reference to other sections:

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment

See Section 13 for disposal information.

7. Section 7. Handling and storage:

7.1. Information for safe handling:

Information about protection against explosions and fires: Ensure good ventilation/exhaustion at the workplace. Pressurized container: protect from sunlight and do not expose and temperatures over 50°C. Do not pierce or burn, even after use.

7.2. Conditions for safe handling, including any incompatibilities:

Requirements to be met by storerooms and containers: Do not store near heat sources or expose to high temperatures. Store in cool location. Store in closed packing between 5°C and 25°C.

Information about storage in one common storage facility: Do not store together with strong oxidising agents.

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7.3. Further information about storage conditions: Protect from humidity.
Specific end use(s): No further relevant information available.

8. Section 8. Exposure controls and personal protection:

- 8.1. Control parameters:
Components with limit values that require monitoring at the workplace:
811-97-2 Norflurane (1,1,1,2 Tetrafluoroethane)
WEL Long-term value: 4200 mg/cm³
Additional information: The lists that were valid during the compilation were as basis.
- 8.2. Exposure controls:
Eye protection: Safety goggles.
Breathing equipment: Ensure adequate ventilation.
Protection of hands: Protective gloves.
Protection of skin: Protective clothing
- 8.3. General protective and hygienic measures: Keep away from foodstuffs, beverages and feed.
Wash hands during breaks and at the end of the work.
Avoid contact with the eyes and skin.

9. Section 9. Physical and chemical properties:

- 9.1. Information on basic physical and chemical properties:
Appearance:
form: Pasty
colour: Black
Odour threshold: Acetic acid
Value pH: Not determined
Melting point/freezing point: Not determined
Melting point/freezing point: Not determined
Initial boiling point/boiling range: Not determined
Flash point: 150°C
Evaporation rate: Not determined
Flammability (solid,gas): Not applicable
Ignition temperature: >400°C
Explosive properties: Product is not explosive.
Upper/lower flammability or explosive limits:
Explosion limits: lower (% Vol): Not available
upper (% Vol): Not available
Vapour pressure (at 20°C): Not determined
Vapour density (at 20 °C): Not determined
Relative density: 1.032 g/cm³
Solubility in/miscibility with
- water Insoluble
Miscibility: Aromatic solvents Hydrocarbons, Chloroform
Partition coefficient (n-octanol/water): Not determined
Auto-ignition temperature: Not determined
Decomposition temperature: Not determined
Viscosity: Not determined
Oxidative properties: Not determined
- 9.2. Other information: Not

10. Section 10. Stability and reactivity:

- 10.1. Reactivity: No further relevant information available.
10.2. Chemical stability: No further relevant information available.
10.3. Possibility of hazardous reactions: No dangerous reactions known.
10.4. Conditions to avoid: Avoid thermal decomposition and do not overheat.
10.5. Incompatible materials: Strong oxidising substances. Water, steam.

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10.6. Hazardous products of decomposition: In case of fire it's possible to release toxicity gases. Carbon monoxide (CO). Carbon dioxide (CO₂). Oxides of: Silicon.

11. Section 11. Toxicological information:

11.1 Information on toxicological effects:

Acute toxicity: Void
 Irritation: on the skin: Long-term or repeated contact can cause irritation.
 on the eye: Irritant effect.
 Corrosivity: Not corrosive.
 Sensitization: No sensitizing effect known.
 Repeated dose toxicity: No further relevant information available.
 Carcinogenicity: No further relevant information available.
 Mutagenicity: No further relevant information available.
 Toxicity for reproduction: No further relevant information available.
 Other information: This product has low toxicity. Only large volumes may have adverse impact on human health.

12. Section 12. Ecological information:

12.1. Ecotoxicological effects: No further relevant information available.
 12.2. Persistence and degradability: No further relevant information available.
 12.3. Bioaccumulative potential: No further relevant information available.
 12.4. Mobility in soil: No further relevant information available.
 12.5. Results of PBT and vPvB assessment:
 PBT: Not applicable
 vPvB: Not applicable
 12.6. Other adverse effects: The product contains substances which contribute to global warming (greenhouse effect)

13. Section 13. Disposal considerations:

13.1 Waste treatment methods:
 Product: Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
 Uncleaned packagings: Disposal must be made according to official regulations.

14. Section 14. Transport information:

14.1. Land transport:
 ADR/RID-GGVS/E class: 2 Gases
 Number/Letter: 5A
 Number UN: 1950
 Label: 2
 Description of goods: AEROSOLS
 14.2. Maritime transport:
 IMDG-class: 2.2
 Page: -
 Number UN: 1950
 Packaging group: -
 EMS-group: F-D,S-U
 Marine pollutant: No
 Proper shipping name: AEROSOLS
 14.3. Air transport:
 ICAO / IATA -class: 2.2
 UN/ID number: 1950
 Packaging group: -
 Proper shipping name: AEROSOLS, non-flammable
 UN "Model Regulation": UN1950; AEROSOLS 2.2; Compressed Air
 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

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15. Section 15. Regulatory information:

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

Labelling according to law line:

The product has been labeled in accordance with EC Directives / relevant national laws.

Danger of determining components and mark to labelling:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after burn.

Discard empty packaging in separated waste.

Safety data sheet available for professional user on request.

Labelling hazardousness:

Product is not classified as a hazardous.

Numbers and word reading associated hazard R-sentences : Void

Numbers and word reading associated security S-sentences:

S 24/25 Avoid contact with skin and eyes.

S 51 Use only in well-ventilated areas

Used legislation:

European Regulation (EC) No 1907/2006 – REACH.

Commission Regulation (EU) No 453/2010.

European Regulation No 67/548EEC and 1999/45/EC.

Commission Regulation (EC) No 1272/2006 – CLP.

Commission Regulation (EC) No 790/2009.

15.2. Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16. Section 16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relative R-phrases:

R 22 Harmful if swallowed.

R 34 Causes burns.

Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

MAL-Code: Måleteknisk Arbejdshygiejnisk Luftbehov (Regulation for the labeling concerning inhalation hazards, Denmark)

WEL- Workplace exposure limits

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

***Compared to the last version the data has been changed.**

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