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1. Identification of substance, company:

- 1.1. Identification of substance: **WAXIN- R 34488 (spray)**
 1.2. Application of the substance/the preparation: Protective spray application for cavities
 1.3. Identification of manufacturer/Supplier:
 RETECH, s.r.o.
 Vackova 1541/4
 150 00 Praha-5 Stodůlky
 Telephone/Fax: +420 327 596 128, +420 596 428
 Information: hana.mekotova@retech.cz
 1.4. Telephone number for RETECH Suchdol 212, Suchdol u Kutné Hory
 extraordinary situations: 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)

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.

- 2.1. Hazard designation:



- 2.2. Information pertaining to particular dangers for man and environment:

Extremely flammable.
 Irritating to skin.
 Toxic to aquatic organisms, may cause long-term effects in aquatic environment.
 Vapours may cause drowsiness and dizziness.

- 2.3. Additional information:

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
 Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition.-
 No smoking.
 Buildup of explosive mixtures possible without sufficient ventilation.
 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.

3. Composition/information on ingredients:

- 3.1. Description:
 Active substance with propellant.

- 3.2. Dangerous components:

Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences
Naphtha (petroleum), Hydrotreated light (contains less than 0.1% benzene)	25-50	64742-49-0	265-151-9	Xn,F,N	R 11-38-51/53-65-67

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Butane	10-25	106-97-8	203-448-7	F+	R 12
Naphtha (petroleum), Hydrodesulfurized heavy (contains less than 0.1% benzene)	10-25	64742-82-1	265-185-4	Xn,N	R 10-51/53-65-67
Propane	10-25	74-98-6	200-827-9	F+	R 12

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

4. First aid measures:

- 4.1. After inhalation: Fresh air. In case of unconsciousness place patient stable in side position for transportation. In case of symptoms seek medical advice.
- 4.2. After skin contact: Immediately wash with water and soap and rinse thoroughly.
- 4.3. After eye contact: Rinse opened eye for several minutes under running water.
- 4.4. After swallowing: Do not induce vomiting, rinse mouth, call for medical help immediately.
- 4.5. General information: -

5. Fire fighting measures:

- 5.1. Suitable extinguishing agents: CO₂, powder or water spray. Fight larger fires with water spray or alcohol-resistant foam.
- 5.2. For safety reasons unsuitable extinguishing agents: Water with a full water jet.
- 5.3. Protective equipment: Wear protective equipment/clothing and oxygen-mask when fighting fires.
- 5.4. Special hazards caused by the material, its products of combustion or resulting gases: -
- 5.5. Additional information: Aerosols may explode when overheated. Cool the container with water.

6. Accidental release measures:

- 6.1. Person-related safety precautions: Wear protective equipment see item 8.2. Ensure adequate ventilation. Keep unprotected person away. Keep away from ignition sources.
- 6.2. Measures for environmental protection: Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.
- 6.3. Measures for cleaning/collecting: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

7. Handling and storage:

- 7.1. Handling:
Information for safe handling: Ensure good ventilation/exhaustion at workplace. Open and handle receptacle with care.
Information about protection against explosions and fires: Keep ignition sources away. – Do not smoke. Protect against electrostatic charges.
- 7.2. Storage:
Requirements to be met by storerooms and containers: Store in cool location. Observe official regulation on storing packagings with pressurized containers.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep receptacle tightly sealed. Do not seal receptacle gas tight. Store in cool, dry conditions in well sealed receptacles. Protect from heat and direct sunlight.

8. Exposure controls and personal protection:

- 8.1. Validate parameter:

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<p>Components with limit values that require monitoring at the workplace: 106-97-8 butane OES Short-term value: 1810 mg/m³, 750 ppm Long-term value: 1450 mg/m³, 600 ppm 74-98-6 propane OES Long-term value: 1000 ppm 64742-49-0 Naphtha (petroleum) – Long-term value: 315 ppm Additional information: The lists that were valid during the compilation were as basis.</p>		
8.2.	Personal protective equipment:	
	Eye protection:	Tightly sealed goggles
	Breathing equipment:	Ensure adequate ventilation. Use suitable respiratory protective device in case of insufficient ventilation.
	Protection of hands:	PVC protective gloves.
	Protection of skin:	Use protective suit.
8.3.	General protective and hygienic measures:	Keep away from foodstuffs, beverages and feed. Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Do not inhale gases/fumes/aerosols. Avoid contact with the eyes and skin.
9.	Physical and chemical properties:	
	Form:	Aerosol
	Colour:	Beige
	Odour:	Characteristic
9.1.	Melting point/Melting range:	Undetermined
	Boiling point/Boiling range:	- 44°C
	Flash point:	-97°C
	Inflammability (strength, gas form)	200.0°C
	Self-inflammability:	Product is not self igniting
	Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
	Explosion limits: lower (% Vol.):	0.6
	upper (% Vol.):	10,9
	Vapor pressure (at 20°C):	3.5 bar
	Density at 20 °C	0.667 g/cm ³
	Solubility in/Miscibility with - water	Not miscible or difficult to mix.
9.2.	Other information:	
	Organic solvents:	86.0%
	Solid content:	14.0%
	VOC:	573.6 g/l
10.	Stability and reactivity:	
10.1.	Thermal decomposition / conditions to be avoided:	No decomposition of used according to specifications.
10.2.	Dangerous reactions:	No dangerous reactions known.
10.3.	Dangerous decomposition products:	No dangerous decomposition products known.
11.	Toxicological information:	
11.1.	Acute toxicity:	
	64742-49-0 Naphtha (petroleum), hydrotreated light	
	Oral LD50	>5000 mg/kg (rat)
	Dermal LD50	>2600 mg/kg (rab)
	Inhalative LC50/4h	>193 mg/l (rat)
11.2.	Primary irritant effect:	
	on the skin:	Irritant to skin and mucous membranes.
	on the eye:	No irritating effect.
	Sensitization:	No sensitizing effects known.

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Additional toxicological information: The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as in the latest version: Irritant.

12. Ecological information:

Water hazard class 2 (German Regulation). (Self-assessment): Hazardous for water. Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground. Also poisonous for fish and plankton in water bodies.
Toxic for fish
Toxic for aquatic organisms

13. Disposal considerations:

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

14. Transport information:

- 14.1. Land transport:
ADR/RID-GGVS: 2
Number/Letter: 5F
Danger code (Kemler): 23
Number UN: 1950
Description of goods: Aerosols
14.2. Maritime transport:
IMDG-class: 2.1
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: 2.1
UN/ID number: 1950
Packaging group: -
Proper shipping name: Aerosols, flammable

15. Regulatory information:

- 15.1. 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:
64742-49-0 Naphtha (petroleum), Hydrotreated light, 106-97-8 Butane, 74-98-6 Propan e

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after burn. Do not spray on a naked flame or any incandescent material.

Labelling hazardousness:



F+ - Extremely flammable



Xi- Irritant



N- Dangerous for the environment

Numbers and word reading associated hazard R-sentences :

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- R 12 Extremely flammable
R 38 Irritating to skin.
R 51/53 Toxic to aquatic organisms, may cause long-term effects in aquatic environment.
R 67 Vapours may cause drowsiness and dizziness

Numbers and word reading associated security S-sentences:

- S 2 Keep out of reach of children.
S 16 Keep away from sources of ignition – No smoking.
S 23 Do not breathe vapours / spray
S 24 Avoid contact with skin.
S 46 If swallowed, seek medical advice immediately and show this container or label.
S 51 Use only in well-ventilated areas.
S 56 Dispose of this material and its container at hazardous or special waste collection point.
S 61 Avoid release to the environment. Refer to special instructions/Safety data sheets.

Density: 0,667 g/cm³

VOC: 573,6 g/l

Nonvolatile substances: 14%

15.2. Used legislation:

European Regulation (EC) No 1907/2006 - REACH

Regulation (EC) No 648/2004 of the European Parliament and of the council of 31 March 2004 on detergents

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 10 Flammable.
R 12 Extremely flammable.
R 38 Irritating to skin.
R 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R 65 Harmful: May cause lung damage if swallowed.
R 67 Vapours may cause drowsiness and dizziness.