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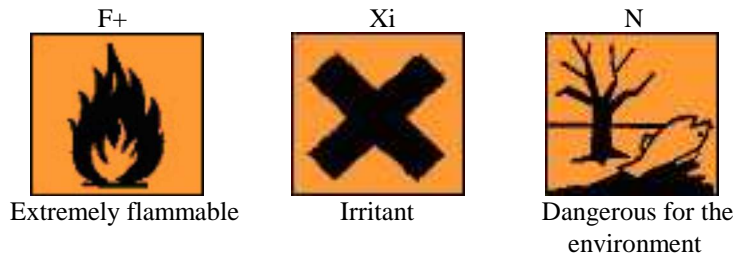
1. Identification of substance, company:

- 1.1. Identification of substance: **PLASTIC DRESSING - R 34704**
- 1.2. Application of the substance/the preparation: Protecting agent for plastic components
- 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 adverse effects in the 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., i.e. electric lights. 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.
Keep out of reach of children.
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/Data on components:

- 3.1. Description:
Mixture of the substances listed below with harmless additions.
- 3.2. Dangerous components:

Chemical name	Contents(%)	Number CAS	Number ES	Cautionary symbol	R sentences
Propane	10-30	74-98-6	200-827-9	F+	R 12
Butane	10-30	106-97-8	203-448-7	F+	R 12
Naphtha (petroleum)	30-60	64742-49-0	265-151-9	Xn, F, N	R 11-38-51/53-65-

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Hydrotreated light (contains less than 0.1% benzene)					67
Isobutane	5-10	75-28-5	200-857-2	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: Supply fresh air; consult doctor in case of symptoms. For breathing difficulties oxygen may be necessary.
- 4.2. After skin contact: Remove soaked clothing; Wash with water and soap; consult doctor in case of symptoms.
- 4.3. After eye contact: Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- 4.4. After swallowing: Rinse mouth and give large amounts of milk or water to people not unconscious. Do not induce vomiting; Consult a physician.

5. Fire fighting measures:

- 5.1. Suitable extinguishing agents: CO₂, extinguishing powder or alcohol resistant foam.
- 5.2. For safety reasons unsuitable extinguishing agents: Water jet.
- 5.3. Protective equipment: Wear protective equipment/clothing 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. Keep unprotected person away. Ensure adequate ventilation, keep away from ignition sources.
- 6.2. Measures for environmental protection: Do not allow to enter drainage system, surface or ground water. Inform respective authorities in case product reaches water or sewage system.
- 6.3. Measures for cleaning/collecting: Ensure adequate ventilation. Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- 6.4. Additional information: -

7. Handling and storage:

- 7.1. Handling:
Information for safe handling: Ensure good ventilation/exhaustion at the workplace.
Information about protection against explosions and fires: Keep ignition sources away – Do not smoke. Protect against electrostatic charges. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C, i.e. electric lights. Do not pierce or burn, even after use. Do not spray onto a naked flame or any incandescent material.
- 7.2. Storage:
Requirements to be met by storerooms and containers: Store in cool location.
Information about storage in one common storage facility: -
Further information about storage conditions: Protect from heat and direct sunlight.

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8. Exposure controls and personal protection:

- 8.1. Validate parameter:
Components with limit values that require monitoring at the workplace:
(GB)
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: 1800 mg/m³, 1000 ppm
64742-49-0 Naphtha (petroleum) – Long-term value: 315 ppm
75-28-5 isobutane
OES Short-term value: 600 ppm
Long-term value: 800 ppm
Additional information:
The lists that were valid during the compilation were as basis.
- 8.2. Personal protective equipment:
Eye protection: Protective glasses.
Breathing equipment: Not required, but ensure adequate ventilation when using the product.
Protection of hands: PVC protective gloves.
Protection of skin: Protective working clothes.
- 8.3. General protective and hygienic measures: Wash hands during breaks and at the end of the work.

9. Physical and chemical properties:

- Form: Aerosol
Colour: Colourless
Odour: Characteristic
- 9.1. Value pH: -
Melting point/Melting range: Not determined
Boiling point/Boiling range: Not applicable, as aerosol.
Flash point: Not applicable, as aerosol.
Inflammability (strength, gas form) -
Self-inflammability: Product is not self igniting.
Danger of explosion: Product is not explosive. However, formation of explosive air/steam mixtures is possible.
Explosion limits: lower (% Vol): 0.8
upper (% Vol): 9.0
Oxidative properties: -
Vapour pressure (at 20°C): -
Density at 20 °C 0.617g/cm³
Solubility in/Miscibility with
- water Insoluble in water.
- 9.2. Other information: VOC: 564 g/l

10. Stability and reactivity:

- 10.1. Thermal decomposition / conditions to be avoided: Do not expose temperatures exceeding 50°C.
- 10.2. Materials to be avoided: Strong oxidising agents, strong alkalis and strong mineral acids.
- 10.3. Dangerous reactions: No dangerous reaction known.
- 10.4. Dangerous products of decomposition: In case of fire CO, CO₂ may be possible.
- 10.5. Additional information: -

11. Toxicological information:

- 11.1. Acute toxicity:
64742-49-0 Naphtha (petroleum), hydrotreated light
Oral LD50 >5000 mg/kg (rat)

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<p>Dermal LD50 >2600 mg/kg (rab) Inhalative LC50/4h >193 mg/l (rat) 106-97-8 Butan Inhalative LC50/4h 658 mg/l (rat)</p> <p>11.2. Primary irritant effect: on the skin:</p> <p>on the eye: Sensitization: Additional toxicological information:</p>	<p>Prolonged or repeated exposure may cause severe irritation. Acts as defatting agent on skin. May cause cracking of skin, and eczema. May cause sensitisation by skin contact.</p> <p>Irritating to eyes. May cause chemical eye burns.</p> <p>No sensitizing effects known.</p> <p>May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system.</p> <p>May cause discomfort if swallowed. May cause stomach pain or vomiting. Gastrointestinal symptoms, including upset stomach.</p>
<p>12. Ecological information: Water hazard class 2 (Self-assessment): hazardous for water. Do not allow product to reach ground water, water bodies or sewage system.</p>	
<p>13. Disposal considerations:</p> <p>13.1. Product: Disposal must be made according to official regulations. 13.2. Uncleaned packagings: Disposal must be made according to official regulations.</p>	
<p>14. Transport information:</p> <p>14.1. Land transport: ADR/RID-GGVS/E class: 2 Number/Letter: 5F Danger code (Kemler): 23 Number UN: 1950 Description of goods: Aerosols</p> <p>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</p> <p>14.3. Air transport: ICAO / IATA -class: 2.1 UN/ID number: 1950 Packaging group: - Proper shipping name: Aerosols, flammable</p>	
<p>15. Regulatory information:</p> <p>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: 74-98-6 Propane, 106-97-8 Butane, 64742-49-0 Naphtha (petroleum), hydrotreated light 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.</p> <p>Labelling hazardousness:</p>	

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F+ - Extremely flammable



Xi- Irritant



N- Dangerous for the environment

Numbers and word reading associated hazard R-sentences :

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 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 / aerosol

S 25 Avoid contact with eyes.

S 37 Wear suitable gloves.

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.

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 11 Highly 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.