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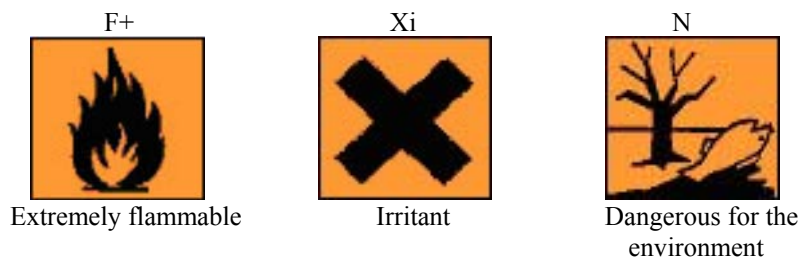
1. Identification of substance, company:

- 1.1. Identification of substance: **PM-PRIMER- R 34375 (spray)**
 1.2. Application of the substance/the preparation: Activator for plastics
 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:

If bought into contact with the skin, the product cause appreciable inflammation, with erythema, scabs, and oedema.

Vapours of the product may cause drowsiness and dizziness.

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

- 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.

3. Composition/information on ingredients:

- 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
Petroleum gases, liquefied; Petroleum gas (contains less than 0.1% 1,3-butadiene)	60-70	68476-85-7	270-704-2	F+	R 12
Heptane [and isomers]	30-40	142-82-5	205-563-8	F,Xn,N	R 11-38-50/53-65-67

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

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4. First aid measures:		
4.1.	After inhalation:	Fresh air, if symptoms persist seek medical attention.
4.2.	After skin contact:	Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. In case of persistent symptoms consult doctor.
4.3.	After eye contact:	Immediately wash with water for at least 10 minutes. In case of persistent symptoms consult doctor.
4.4.	After swallowing:	Do not induce vomiting, rinse mouth; call for medical help immediately. A suspension of activated charcoal in water may be administered.
4.5.	General information:	-
5. Fire fighting measures:		
5.1.	Suitable extinguishing agents:	CO2, dry chemical fire extinguisher
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. Cool the containers exposed to the fire with water.
5.4.	Additional information:	Avoid inhaling the fumes.
6. Accidental release measures:		
6.1.	Person-related safety precautions:	Wear protective equipment. Keep unprotected person away. Ensure adequate ventilation, 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. Recover the product for re-use of possible, or for elimination. Absorb in inert material such as sand or absorbent granules. After the product has been recovered, rinse the area and materials involved with water.
6.4.	Additional information:	-
7. Handling and storage:		
7.1.	Handling:	
	Information for safe handling:	Ensure good ventilation/exhaustion at workplace. Avoid contact and inhalation of the vaporous. Do not eat, drink or smoke while working
	Information about protection against explosions and fires:	-
7.2.	Storage:	
	Requirements to be met by storerooms and containers:	-
	Information about storage in one common storage facility:	-
	Further information about storage conditions:	Always keep in a well ventilated place. Keep away from unguarded flame sparks, and heat sources. Avoid direct exposure to sunlight.
8. Exposure controls and personal protection:		
8.1.	Validate parameter:	
	Components with limit values that require monitoring at the workplace:	
	Petroleum gases, liquefied; Petroleum gas	TLV TWA: 1000ppm – 1800 mg/m3
	Heptane [and isomers]	TLV TWA: 400ppm – 1640 mg/m3 TLV STEL: 500ppm – 2085 mg/m3
	Additional information:	The lists that were valid during the compilation were as basis.
8.2.	Personal protective equipment:	
	Eye protection:	Protective goggles
	Breathing equipment:	Use suitable respiratory protective device in case of insufficient ventilation.

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8.3.	Protection of hands: Protection of skin: General protective and hygienic measures:	Protective gloves. (PVC, neoprene or rubber) Working suit The usual precautionary measures should be adhered to general rules for handling chemicals. Wash hand after each work period and before eating.
9.	Physical and chemical properties:	
	Form:	Aerosol
	Colour:	According to product specification
	Odour:	Characteristic
9.1.	Melting point/Melting range:	Undetermined
	Boiling point/Boiling range:	17°C
	Flash point:	-60°C
	Inflammability (strength, gas form)	Undetermined
	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.):	Undetermined
	upper (% Vol.):	Undetermined
	Vapor pressure (at 20°C):	Undetermined
	Density at 20 °C	0.70 kg/l (base liq.)
	Solubility in/Miscibility with	
	- water	Insoluble
	- lipid	Complete
9.2.	Other information: VOC:	686g/l
	Organic solvents:	98 %
10.	Stability and reactivity:	
10.1.	Thermal decomposition / conditions to be avoided:	Stable under normal conditions.
10.2.	Dangerous reactions:	Avoid contact with combustible materials. The product could catch fire.
10.3.	Dangerous decomposition products:	In case of fire CO may be possible.
11.	Toxicological information:	
11.1.	Acute toxicity:	Void
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.
	Additional toxicological information:	-
12.	Ecological information:	
	Water hazard class 3 (German Regulation). (Self-assessment): Very 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.	
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
	Danger code (Kemler):	23
	E class:	-

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	Number/Letter:	5F
	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
	MFAG:	-
	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:
68476-85-7 Petroleum gases, liquefied;, 142-82-5 Heptane

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 :

R 12 Extremely flammable.

R 38 Irritating to skin.

R 50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R 67 Vaporous 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 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

European Regulation (EC) No 1272/2008 (CLP)

Regulation (EC) No 648/2004 (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.

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Relative R-phrases:

- R 11 Highly flammable.
- R 12 Extremely flammable.
- R 38 Irritating to skin.
- R 50/53 Very 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.