

Safety Data Sheet

According To Regulation (EC) No 1907/2006 (REACH)

Promast Easy-Pack RTV-NT

Version: 1.0

Preparation Date: 05.09.2022

Form No: 41013-EN

Issue date/Revision date: 05.09.2022

1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier

Product Name Promast Easy-Pack RTV-NT
SDS No: 41013-EN

1.2 Relevant Identified Uses Of The Product And Uses Advised Against

In Sealing applications that will be exposed to high temperature changes at cars, machines, heating systems, industrial oven, chimney, etc.

1.3 Details Of The Supplier Of The Safety Data Sheet

Supplier : PROMAST KIMYA SAN. TİC. A.Ş.
Address – Factory: Ovacık Mah. Hacıoğlu Sok. No: 21B Kullar Mevkii 41140
Başiskele – Kocaeli/Türkiye
Tel: +90 262 335 41 82

**Information Providing
Authority About Safety
Data Sheet** info@promast.com.tr

1.4 Emergency Telephone Number

Company Emergency: +90 262 335 41 82

2. HAZARDS IDENTIFICATION

2.1 Classification Of The Product

2.1.1 Classification According to Regulation (EC) No 1272/2008

Flam. Aerosol, Cat.3 - H229

Eye Irrit., Cat.2- H319

Skin Sens., Cat.1-H317

2.2 Label Elements

2.2.1. Labeling According to Regulation (EC) No 1272/2008 [CLP/GHS]

Hazard Pictograms



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Signal Word

- WARNING

Hazard Statements

- H229 Pressurised container: May burst if heated.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.

Precautionary Statements

- P102 Keep out of reach of children.
- 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.
- P264 Wash ... thoroughly after handling.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection
- P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P410 + P412 – Protect from sunlight. Do not expose to temperatures exceeding 50 °C/ 122 °F.
- P501 – Dispose of contents/container to legal regulations.

Supplemental Hazard Information (EU) Statements

- No data available.

2.3 Additional Labeling

Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Description Of The Mixture:

Not classified as hazardous product according to the regulation of (EC) 1272/2008 [CLP/GHS]

Chemical Name	EC Number	CAS Number	%W/W	Hazard Statements
Norflurane	212-377-0	811-97-2	1-15	Press. Gas (Liq.)- H280

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Butan-2-one O,O',O''-(methylsilylidyne)trioxime	245-366-4	22984-54-9	3-5	Eye Irrit. 2- H319 Skin Sens. 1- H317 STOT RE 2- H373
Butan-2-one O,O',O''-(vinylsilylidyne)trioxime	218-747-8	2224-33-1	1-2	Eye Dam. 1- H318 Skin Sens. 1- H317 STOT RE 2- H373

3.1.1 Notes

No data available.

3.1.2 Additional information:

All hazard statements are given in section 16.

4. FIRST AID MEASURES

4.1 Description of first aid measures

4.1.1 General information

In case of an emergency, Show this safety data sheet and seek medical advice.

4.1.2 Following inhalation

Remove from exposure and move to fresh air immediately. If breathing is difficult, give oxygen. Keep warm and rest in a position where they can breathe comfortably. Loosen tight clothing such as a collar, tie, belt or waistband. Lay unconscious person on side in first aid position.

4.1.3 Following skin contact

Get medical aid immediately. Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.

4.1.4 Following eye contact

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid immediately.

4.1.5 Following ingestion

If swallowed, get medical aid immediately. Do not induce vomiting unless directed by healthcare personnel. Only induce vomiting if directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Move exposed person to fresh air and and keep warm in a comfortable breathing position.

4.2 Most important symptoms and effects, both acute and delayed

- Spray mist may cause respiratory tract irritation.

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- Due to its physical properties, the risk of swallowing this product is very low.
- May cause skin sensitization and allergic reactions in sensitive individuals.
- May irritate eyes.

4.3 Indication of any immediate medical attention and special treatment needed

Apply symptomatic treatment.

5. FIRE-FIGHTING MEASURES

5.1 General Information and Flammable Properties:

Extinguishing media: Dry chemical, carbon dioxide, foam

Unsuitable extinguishing media: Do not use water jet

5.2 Special hazards arising from the product

Heat may cause an increase in pressure that exceeds the strength of the container causing it to rupture violently (explode). Vapors may form explosive mixtures with air.

Thermal decomposition can lead to realize of carbon monoxide, carbon dioxide.

5.3 Advice for fire-fighters:

Self-contained breathing apparatus, operated in positive pressure mode and full protective clothing must be worn in case of fire.

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469(including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

5.4 Additional information

Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

No action shall be taken without appropriate training or involving ant personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear appropriate personal protective equipment (See Section 8). Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with spillage. Ensure procedures and training for emergency decontamination and disposal are in place. Do not touch or walk

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into spilled material. Evacuate area. Avoid inhalation of dust. Use suitable respiratory protection if ventilation is inadequate.

6.2 Environmental Precautions

Discharge into the environment must be avoided. Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. Prevent further leakage or spillage if safe to do so. Inform the relevant authorities if environmental pollution occurs.

6.3 Methods and Material For Containment and Cleaning Up

6.3.1 For Containment

Contain for disposal according to local/national regulations.

6.3.2 For Cleaning Up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Approach the spillage from upwind. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

7. HANDLING AND STORAGE

7.1 Precautions For Safe Handling

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Do not handle until all safety precautions have been read and understood. Do not puncture or do not burn even after use. Avoid exposure to high heat or direct sunlight. Do not handle broken packages without protective equipment. Do not reuse empty containers.

7.2 Conditions For Safe Storage, Including Any Incompatibilities

Storage conditions

Store away from incompatible materials. Store in accordance with local regulations. Store away from other materials. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. The storage area floor should be leak-tight, jointless and not absorbent. In case of spillage, set up barriers in front of storage facilities to prevent soil and water pollution.

Incompatible Material

Strong oxidizing materials

7.3 Specific Precautions on Storage

Observe the national and local regulations concerning handling and storage.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters

Occupational Exposure Limits

Norflurane

WEL: 1000 ppm 4240 mg/m³

DNEL

Employees- inhalation, Long-term value: 13936 mg/m³

User- inhalation, Long-term value: 2476 mg/m³

PNEC

fresh water; 0.1mg/l

sea water; 0.01 mg/l

precipitate (Fresh water); 0.75mg/kg

STP (Waste water treatment plant); 73mg/l

8.2. Personal Protection Equipment

Engineering Controls

Provide adequate ventilation. Use process protection methods, local exhaust ventilation and other technical apply controls to minimize employee exposure.

Eye/Face Protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with European Standard EN166. Wear tight-fitting, chemical splash goggles or face shield.

Skin Protection

Wear chemically protective gloves, and boots to prevent prolonged or repeated skin contact.

Hand Protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. To protect hands from chemicals, gloves should comply with European Standard EN374.

Body Protection

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Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.

Respiratory Protection

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

Form/Physical State:	Aerosol
Color:	Colorless
Odor:	Characteristic
pH:	Not available
Melting Point / Freezing Point (°C) 760 mmHg	Not available
Boiling point/range(°C):	Not available
Vapour pressure Pa(<1.00x10 ⁻¹⁰ mmHg)@ 20°C:	Not available
Density g/ml :	Not available
Flash Point °C:	Not available
Ignition temperature:	Not available
Flame Point °C:	Not available
Vapor Density (Air=1):	Not available
Vaporization rate:	Not available
Viscosity:	Not available
Solidification point/range, °C:	Not available
Solubility in water g/l @20 °C:	Not available
Explosive Property:	Not available
Oxidation Property:	Not available
Açıklamalar:	Not available

9.2 Diğer Bilgiler

Drying System	Not available
Drying Rate (20°C%65°C relative humidity):	Not available
Non-adhesive Time	Not available
Hardness(DIN 53505)	Not available
Temperature resistance	Not available
Pertition coefficient n-Octanol/Water(log Po/w):	Not available

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10. STABILITY AND REACTIVITY

10.1 Reactivity

No information available

10.2 Chemical Stability

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

10.3 Possibility of Hazardous Reactions

No hazardous reactions known if used for its intended purpose.

10.4 Conditions to Avoid

High temperatures. Avoid exposure to high heat or direct sunlight. Compressed Gas: may explode when heated.

10.5 Incompatible Materials

Strong oxidizing agents and strong acids.

10.6 Hazardous Decomposition Products

A hazardous decomposition product is not expected to be formed when used for its designated purpose. Thermal decomposition products may include: Harmful gases or vapors. Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

11.1 General Information

Acute Toxicity

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation

Causes allergic skin reactions.

Eye Damage/Irritation

Causes serious eye irritation.

Respiratory or Skin Sensitization

Based on available data the classification criteria are not met.

Germ Cell Mutagenicity

Based on available data the classification criteria are not met.

Carcinogenicity

This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

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Reproductive Toxicity

Based on available data the classification criteria are not met.

Specific Target Organ Toxicity- Single Exposure

Based on available data the classification criteria are not met.

Specific Target Organ Toxicity- Repeated Exposure

Based on available data the classification criteria are not met.

Aspiration Hazard

No data available.

12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

12.2 Photo Degradation

No data available.

12.3 Biaccumulation Potential:

Biological environment (biota) accumulation potential: No data available.

Potential – nutrients pass through: No data available.

Reference Values – Log Kow, Sw and BCF: No data available.

12.4 Mobility:

The product contains volatile organic compounds (VOC) that can easily evaporate from all surfaces.

12.5 Results of PBT and vPvB Assesment:

No data available.

12.6 Effects on Waste Water Treatment Plants

No data available.

12.7 Persistence and Degradability

Decompositon potential of the products

No data available.

The half-life of degradation

No data available.

Potential degradation of product content in the evaluation wastewater treatment plants

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12.8 Additional Information

No data available.

13. DISPOSAL CONSIDERATIONS

13.1 General Information

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

14. TRANSPORT INFORMATION

	ADR ¹² /RID ¹³	ADNR ¹⁴	IMDG ¹⁵	ICAO ¹⁶ /IATA ¹⁷
TRANSPORTATION	Road	River	Marine	Airways
14.1. UN NUMBER	1950	1950	1950	1950
14.2. PROPER SHIPPING NAME	AEROSOLS			
SYMBOL				
14.3. TRANSPORT HAZARD CLASS(ES)	2.2	2.2	2.2	2.2
14.4. PACKAGING GROUP	-	-	-	-
14.5. MARINE POLLUTANT	-	-	-	-
14.6. SPECIAL PRECAUTIONS FOR THE USER	Always transport upright and safely in closed containers.			
Road Transport Notes: This product is NOT regulated as a hazardous material under the regulation of IATA				

15. REGULATORY INFORMATION

15.1 Chemical Safety Assessment

15.1.1 Hazard

CLP classification according to Annex VI of CLP (Regulation (EC) No 1272/2008)

This substance is classified as not hazardous according to regulation (EC) 1272/2008

15.2 International Regulations

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This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006 and ISO 11014:2009.

16. OTHER INFORMATION

16.1 Other Information

For additional information regarding **Promast** products please contact the **PROMAST Kimya San. Tic. A.Ş** - info@promast.com.tr

In all cases of potential poisoning supportive therapy is of the it most importance.

16.2 Related Person

Prepared by: Pelin KAHRAMAN (pelin@urbantmgd.com.tr)

Specialist Accreditation No: TÜRKAK KDU 01.11.06 / 14.12.2019-14.12.2024

0216 365 64 16

16.2.1 Contact Person

Mete Atakan AKMAN – info@promast.com.tr

16.3 Issue Date

05.09.2022

16.4 SDS No

41013-EN

16.5 Revision Version

-

16.6 Reason of re-issue

-

16.7 Relevant H-and EUH-phrases(number and full text)

Hazard Statements

H229: Pressurized container: may burst if heated

H280: Contains gas under pressure; may explode if heated,

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H319: Causes serious eye irritation

H373: Causes damage to organs through prolonged or repeated exposure

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16.8 Legal Disclaimer

- The purpose of the above information is to describe the products only in terms of health and safety requirements.
- The information given should not, therefore, be construed as guaranteeing specific properties or as specification.
- Customers should satisfy themselves as to the suitability and completeness of such information for their own particular use.
- The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.
- The above information relates only to the specific material(s) designated herein and may not be valid for such material(s) used in combination with any other materials or in any process or if the material is altered or processed, unless specified in the text.
- The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. Due to the many factors outside our control when using this product, we cannot accept liability for any injury, accident, loss or damage caused through its use.

¹ SDS: Safety Data Sheet

² CLP: Classification, Labelling and Packaging of Substances and Mixtures

³ GHS: Global Harmonised System

⁴ NIOSH: The National Institute for Occupational Safety and Health

⁵ CEN: Comite Europeen de Normalisation

⁶ NTP: National Toxicology Program

⁷ IARC: The International Agency for Research on Cancer

⁸ OSHA : Occupational Safety and Health Association

⁹ EWC : European Waste Katalog

¹⁰ ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

¹¹ RID: Regulations Concerning the International Transport of Dangerous Goods by Rail

¹² ADNR: European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

¹³ IMDG: International Maritime Code for Dangerous Goods

¹⁴ ICAO: International Civil Aviation Organization

¹⁵ IATA: International Air Transport Association

¹⁶ TWA: Time Weighted Average

¹⁷ PEL: Permissible Exposure Limit

¹⁸ PNEC: Predicted No Effect Concentration

¹⁹ OEL: Occupational exposure limit