

Pro-Tech
SAFETY DATA SHEET

In compliance with Regulation (EC) 1907/2006 and Regulation (EC) 453/2010

Date: 4/2017
Rev: 04

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY UNDERTAKING

1.1 Product Identifier

Product Name: Pro-Tech SKU #78-8603

REACH Registration No: No data available

Synonyms: Pro-Tech

Trade Names: Pro-Tech

1.2 Relevant identified uses of the substance or mixture and uses advised against:

Main Applications (non exhaustive list):
Barrier liquid for resin casting

1.3 Details of the supplier of the Safety Data Sheet

Company Name: Romanoff International Supply Corporation

Address: 9 Deforest Street, Amityville, NY 11701 USA

Phone No. 1-800-221-7448

Email address: sales@romanoff.com

1.4 Emergency telephone number:

CHEMTEL, ACCOUNT #MIS4594445 COLLECT CALLS ACCEPTED
USA, CANADA 1-800-255-3924 AUSTRALIA: 1-300-954-583
BRAZIL: 0-800-591-6042 CHINA: 400-120-0751 INDIA: 000-800-100-4086
MEXICO: 01-800-099-0731 ALL OTHER COUNTRIES: 1-813-248-0585

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Classified as hazardous Harmful to aquatic organisms, may cause long term effects
in the aquatic environment

Hazard Statement- None

Precautionary statement - P273 Avoid release to the environment.

2.2 Label elements:

Signal Word: No signal word required

Hazard Statements:

H412- Harmful to aquatic life with long lasting effects

Precautionary Statements:

P273- Avoid the release to the environment

P305+P351- If in eyes, Rinse continuously with water for several minutes

P304+ P340+ P314- If inhaled, Remove victim to fresh air and keep at rest in a position
comfortable for breathing, Get medical advice/ attention if you feel unwell

P334+ P350- If on skin, Gently wash with plenty of soap and water

P314- Get medical advice/ attention if you feel unwell

P301+ P311+ P330+ P331- If swallowed, Call a poison center or doctor/ physician, Rinse
mouth, Do not induce vomiting

P261- Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray

P233- Keep container tightly closed

P271+ 280- Use only outdoors or in a well- ventilated area, Wear protective gloves/
protective clothing/ eye protection/ face protection

P235+ P233 - Keep cool, Keep container tightly closed,

2.3 Other Hazards: No data available.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

3.2 Mixture

	CAS #	OEL	%
Decafluoropentane			90-98%
H ₂ O			0-2%

4. FIRST AID MEASURES

4.1 Description of first aid measures:

General advise- P312- Consult a physician, refer to this MSDS

Eye contact- P351- Flush eyes with water as a precaution.

Skin contact - P352- Wash off with soap and water, consult a physician.

Inhalation- P340+ P341- In breathed in move person to fresh air, if not breathing give artificial respiration. Consult a physician.

Ingestion- P301+P331+ P330+ P312- If swallowed do not induce vomiting, immediately rinse mouth with water. Consult a physician.

4.2 Most important symptoms and effects both acute and delayed

No acute and delayed symptoms and effects are observed.

4.3 Indication of any immediate medical attention and special treatment needed:

P304+ P340+ P314

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media:

Water spray, alcohol resistant foam or carbon dioxide

5.2 Special hazards arising from the substance or mixture:

Non combustible. No hazardous thermal decomposition.

5.3 Advice for firefighters:

Wear self contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective and emergency procedures:

Avoid breathing vapours, mist or gas. Ensure adequate ventilation.

6.2 Environmental precautions:

Do not let the liquid enter drains, discharge into the environment must be avoided.

6.3 Methods and material for containment and cleaning up:

Keep in a sealed contain ready for disposal. For disposal see section 13.

6.4 Reference for other sections:

See sections 13.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Use non-absorbent gloves, safety glasses and suitable clothing. Use near an extraction fan.

7.2 Conditions for safe storage, including any incompatibilities:

Store in a cool place. Keep container tightly closed in a dry well ventilated area.

7.3 Specific end use (s):

Barrier liquid for resin casting

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

Contains no substance with occupational exposure limit values.

8.2 Exposure controls: Contains no substance with occupational exposure limit values.

8.2.1 Appropriate engineering controls:

Exposure limit- Contains no substance with occupational exposure limit values.

Respiratory protection- P304+ P340+ P314- If inhaled, Remove victim to fresh air and keep at rest in a position comfortable for breathing.

Hand protection- P280- Wear protective gloves/ protective clothing/ eye protection/ face protection.

Eye protection- P305+ P351+ P280- If in eyes, rinse cautiously with water for several minutes. Wear protective gloves/ protective clothing/ eye protection/ face protection.

Body protection- P280- Wear protective gloves/ protective clothing/ eye protection/ face protection.

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8.2.2 Personal protective equipment:

Eye / face protection: P305+ 351+ 280– If in eyes, Rinse cautiously with water for several minutes. Wear protective gloves/ protective clothing/ eye protection/ face protection.
Skin protection: If on skin, Gently wash with water for several minutes.
Hand protection: P280- Wear protective gloves/ protective clothing/ eye protection/ face protection.
Respiratory protection: P271– Use only outdoors or in a well– ventilated area. Respiratory protection not required.

8.2.3 Environmental exposure controls:

P273– Avoid release to the environment.

H412– Harmful to aquatic life with long lasting effects.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties:

Colour: Opaque
Appearance: Liquid
Odour: No data available

9.2 Other information:

The above information applies only to the material as supplied. Your application of this product may well change the chemical characteristics.

10. STABILITY AND REACTIVITY

10.1 Reactivity: No data available.
10.2 Chemical Stability: Chemically stable.
10.3 Possibility of hazardous reactions: No hazardous reactions.
10.4 Conditions to avoid: No data available.
10.5 Incompatible materials: Strong oxidising agents, alkaline earth metals and strong bases.
10.6 Hazardous decomposition products: No data available.

11. TOXICOLOGY INFORMATION

11.1 Information on toxicology effects:

Acute toxicity- LD50 Oral - rat >5000 mg/kg. Remarks - Nutritional and Gross
Metabolic: Weight loss or decreased weight gain
Eye irritation Substance caused mild irritation to animals in experiments.
Skin irritation Substance caused mild irritation to animals in experiments.

12. ECOLOGICAL INFORMATION

H412– Harmful to aquatic life with long lasting effects
Degradability- No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods:

Product:
Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

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14. TRANSPORT INFORMATION

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| 14.1 UN Number: | No data available. |
| 14.2 UN proper shipping name: | No data available. |
| 14.3 Transport hazard class(es): | |
| ADR: | Not dangerous goods. |
| IMDG: | Not dangerous goods. |
| ICAO/IATA: | Not dangerous goods. |
| RID: | Not dangerous goods. |
| 14.4 Packing group: | Not dangerous goods. |
| 14.5 Environmental hazards: | H412– Harmful to aquatic life with long lasting effects. |
| 14.6 Special precautions for user: | No data available. |
| 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not dangerous goods. |

15. REGULATORY INFORMATION

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

Safety, health and environment regulations - No data available

Chemical safety assessment - No data available

- 15.2 Chemical safety assessment:**
No data available.

16. OTHER INFORMATION

Training:

Employees must be trained in the proper use and handling of this product as required under applicable regulations.

Regulatory information:

Safety, health and environment regulations– No data available
Chemical safety assessment– No data available

Liability:

Such information given on this Material Safety Data Sheet is to the best of Romanoff Int Supplies knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

Indication of the changes made to the previous revision of the SDS:

08/11/2012 - First Issue

14/09/2015– Rev 02

30/08/2015– Rev 03– Updated to comply with current legislation.

07/010/2015— Rev 4 Amendment to composition