





SAFETY DATA SHEET

1. Product and Company Identification			
PRODUCT NUMBER:	145311	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	SPRAY-N-SEAL – WHITE	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Roof Patch and Leak Sealer	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification						
GHS CLASSIFICATION: Flammable Aerosol 1 H222: Extremely flammable aerosol. Pressurized Gas H280: Contains gas under pressure; may explode if heated. Skin Irritant 2 H315: Causes skin irritation. Eye Irritant 2A H319: Causes serious eye irritation. Reproductive 1B H360: May damage fertility or the unborn child. STOT SE 3 H335-H336: May cause respiratory irritation. May cause drowsiness or dizziness. STOT RE 2 H373: May cause damage to organs through prolonged or repeated exposure.	SIGNAL WORD: DANGER	SYMBOL:				
HAZARD STATEMENTS: Extremely flammable aerosol. Contains gas under pressure; may explode if heated. Causes skin irritation. Causes serious eye irritation. May damage fertility or the unborn child. May cause respiratory irritation. May cause drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure.						
PRECAUTIONARY STATEMENTS: Prevention: Obtain special instructions before use. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe dust/fume/gas/mist/vapors/spray. Wash hands thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Response: IF INHALED: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center/doctor if you feel unwell. Specific treatment (see on this label). Take off contaminated clothing and wash it before reuse. If eye irritation persists: Get medical advice/attention. Storage: Store in a well-ventilated place. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Disposal: Dispose of contents/container in accordance with local/regional/national/international regulations.						
HAZARDS NOT OTHERWISE SPECIFIED: No additional information available.						
ADDITIONAL INFORMATION: Not applicable.						

3. Composition / Information on Ingredients		
Chemical Name	CAS	Concentration % by Weight
Calcium Carbonate	1317-65-3	14.19%
VM&P Naphtha	64742-89-8	12.97%
propane	74-98-6	11.33%
heptane	142-82-5	10.78%
Toluene	108-88-3	10.68%
Acetone	67-64-1	9.19%
n-butane	106-97-8	6.66%
titanium dioxide	13463-67-7	4.73%
PM acetate	108-65-6	2.82%
xylene (mix)	1330-20-7	1.63%
Mineral Spirits	64742-47-8	1.24%

Chemical Characterization: Mixtures.
Chemical Description: This product is a mixture of the substances listed below with nonhazardous additions.

4. First Aid Measures
EMERGENCY OVERVIEW: EYES: Rinse opened eye for several minutes under running water. Then consult a doctor. SKIN: Immediately wash with water and soap and rinse thoroughly. INHALATION: Supply fresh air; consult doctor in case of complaints. INGESTION: Rinse out mouth and then drink plenty of water. Rinse mouth with water. Do not induce vomiting.
MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED: Dizziness.
INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED: No further relevant information available.

5. Fire-Fighting Measures

SUITABLE FIRE EXTINGUISHING MEDIA:

CO₂, extinguishing powder or water spray. Fight larger fires with water spray.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Can form explosive gas-air mixtures.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

A respiratory protective device may be necessary.

6. Accidental Release Measures

PERSONAL PRECAUTIONS:

Wear protective equipment. Keep unprotected persons away. Use respiratory protective device against the effects of fumes/dust/aerosol.

METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Ensure adequate ventilation. Dispose contaminated material as waste according to Section 13.

7. Handling and Storage

SAFE HANDLING:

Use only in well-ventilated areas.

SAFE STORAGE & INCOMPATIBILITIES:

Keep away from sources of heat and direct sunlight. Do not warehouse in subfreezing conditions. Store locked up.

8. Exposure Controls / Personal Protection

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
74-98-6 propane	PEL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
	REL (USA)	Long-term value: 1800 mg/m ³ , 1000 ppm
	TLV (USA)	Refer to Appendix F in TLVs & BEIs book; D, EX
142-82-5 heptane	PEL (USA)	Long-term value: 2000 mg/m ³ , 500 ppm
	REL (USA)	Long-term value: 350 mg/m ³ , 85 ppm Ceiling limit value: 1800* mg/m ³ , 440* ppm *15-min
	TLV (USA)	Short-term value: 2050 mg/m ³ , 500 ppm Long-term value: 1640 mg/m ³ , 400 ppm
108-88-3 Toluene	PEL (USA)	Long-term value: 200 ppm Ceiling limit value: 300; 500* ppm *10-min peak per 8-hr shift
	REL (USA)	Short-term value: 560 mg/m ³ , 150 ppm Long-term value: 375 mg/m ³ , 100 ppm
	TLV (USA)	Long-term value: 75 mg/m ³ , 20 ppm BEI
67-64-1 Acetone	PEL (USA)	Long-term value: 2400 mg/m ³ , 1000 ppm
	REL (USA)	Long-term value: 590 mg/m ³ , 250 ppm
	TLV (USA)	Short-term value: 1187 mg/m ³ , 500 ppm Long-term value: 594 mg/m ³ , 250 ppm BEI
106-97-8 n-butane	REL (USA)	Long-term value: 1900 mg/m ³ , 800 ppm
	TLV (USA)	Short-term value: 2370 mg/m ³ , 1000 ppm (EX)
108-65-6 PM acetate	WEEL (USA)	Long-term value: 50 ppm
1330-20-7 xylene (mix)	PEL (USA)	Long-term value: 435 mg/m ³ , 100 ppm
	REL (USA)	Short-term value: 655 mg/m ³ , 150 ppm Long-term value: 435 mg/m ³ , 100 ppm
	TLV (USA)	Short-term value: 651 mg/m ³ , 150 ppm Long-term value: 434 mg/m ³ , 100 ppm BEI

BIOLOGICAL LIMIT VALUES

ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
67-64-1 Acetone				
BEI (USA)	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)			
1330-20-7 xylene (mix)				
BEI (USA)	1.5 g/g creatinine Medium: urine			

Time: end of shift
Parameter: Methylhippuric
acids

PERSONAL PROTECTIVE EQUIPMENT:



Eye/Face Protection: Tightly sealed goggles.

Skin Protection: Nitrile gloves. The glove material must be impermeable and resistant to the substance.

Respiratory Protection: A respirator is generally not necessary when using this product outdoors or in large open areas. In cases where short and/or long term overexposure exists, a charcoal filter respirator should be worn. If you suspect overexposure conditions exist, please consult an authority on chemical hygiene.

General Hygiene Considerations: Keep away from foodstuffs and animal feed. Wash hands after use. Immediately remove all soiled and contaminated clothing. Wash hands after use. Store protective clothing separately. Avoid contact with the skin. Avoid contact with the eyes and skin. Do not eat or drink while working.

9. Physical & Chemical Properties

Appearance:	Aerosol.	Flammability(solid/gas):	Extremely flammable.
Solubility (water):	Not determined.	Explosive Limit-Lower (%):	1.1 Vol%
Odor:	Aromatic.	Explosive Limit-Upper (%):	10.9 Vol%
Odor Threshold:	Not determined.	Vapor Density:	Not determined.
pH:	Not determined.	Vapor Pressure:	Not determined.
Melting Point/Range:	Undetermined.	Relative Density:	Between 0.77 and 0.85 (Water equals 1.00)
Boiling Point/Range:	-110°C (-166°F)	Danger of Explosion:	In use, may form flammable/explosive vapor-air mixture.
Viscosity:	Not determined.	Auto-Ignition Temp:	Product is not self-igniting.
Flash Point:	-19°C (-2.2°F)	Decomposition Temp:	Not determined.
Evaporation Rate:	Not applicable.	Partition Coeff(n-octanol/water):	Not determined.
VOC content (less exempt solvents):	49.1 %	Water:	0.0 %

10. Stability & Reactivity Information

REACTIVITY:

Stable at normal temperatures.

CHEMICAL STABILITY:

Not fully evaluated.

POSSIBILITY OF HAZARDOUS REACTIONS:

No dangerous reactions known.

CONDITIONS TO AVOID:

Do not allow can to exceed 120°F. Do not warehouse in subfreezing temperatures.

INCOMPATIBLE MATERIALS:

No further relevant information available.

HAZARDOUS DECOMPOSITION PRODUCTS:

No dangerous decomposition products known.

11. Toxicological Information

PRIMARY ROUTE OF ENTRY:

Eyes: No irritating effect.

Skin: Irritant to skin and mucous membranes.

Sensitization: No sensitizing effects known.

LD/LC50 VALUES THAT ARE RELEVANT FOR CLASSIFICATION:

ACUTE TOXICITY:

Components	Species	Test Results
106-97-8 n-butane		
Acute <i>Inhalation</i> LC50	Rat	658 mg/l (4h)
13463-67-7 titanium dioxide		
Acute <i>Dermal</i> LD50	Rabbit	>10,000 mg/kg
<i>Inhalation</i> LC50	Rat	>6.82 mg/l (4h)
<i>Oral</i> LD50	Rat	>20,000 mg/kg
108-65-6 PM acetate		
Acute <i>Inhalation</i> LC50	Rat	35.7 mg/l

Oral LD50	Rat	8,500 mg/kg
1330-20-7 xylene (mix)		
Acute Dermal LD50	Rabbit	2,000 mg/kg
Inhalation LC50	Rat	6,350 mg/l (4h)
Oral LD50	Rat	8,700 mg/kg

12. Ecological Information

ECOTOXICITY:

Hazardous for water, do not empty into drains.

PERSISTENCE AND DEGRADABILITY:

The product is degradable after prolonged exposure to natural weathering processes.

OTHER INFORMATION:

This product does not contain any chlorofluorocarbons (CFC's), hydrochlorofluorocarbons (HCFC's), perfluorocarbons (PFC's), heavy metals (chromium, lead, cadmium) or chlorinated solvents.

BIOACCUMULATIVE POTENTIAL:

No further relevant information available.

MOBILITY IN SOIL:

No further relevant information available.

REMARK:

Toxic for fish.

OTHER ADVERSE EFFECTS:

No further relevant information available.

13. Disposal Consideration

DISPOSAL INSTRUCTIONS:

Dispose of in accordance with local, state and federal regulations. Do not puncture, incinerate or compact. Partially empty cans must be disposed of responsibly. Do not heat or cut empty containers with electric or gas torches.

Recommendation: Completely empty cans should be recycled.

14. Transportation Information

DOT: UN Number: UN1950
UN Proper Shipping Name: Consumer Commodity ORM-D Aerosols, flammable.
Transport Hazard Class(es):
Class: 2.1
Packing Group: --
Marine Pollutant: Yes. (fish and tree)
Special Precautions For User: Warning: Gases.
EmS: F-D,S-U
UN "Model Regulation": UN1950, Aerosols, ENVIRONMENTALLY HAZARDOUS, 2.1

ADR: UN Number: UN1950
UN Proper Shipping Name: Consumer Commodity ORM-D Aerosols, flammable.
Transport Hazard Class(es):
Class: 2.1
Packing Group: --
Marine Pollutant: Yes. (fish and tree)
Special Precautions For User: Warning: Gases.
EmS: F-D,S-U
UN "Model Regulation": UN1950, Aerosols, ENVIRONMENTALLY HAZARDOUS, 2.1

15. Regulatory Information

US FEDERAL REGULATIONS:

SARA 355 Extremely hazardous substance: None of the ingredients in this product are listed.

SARA 313 (Specific toxic chemical listings):

108-88-3 Toluene

1330-20-7 Xylene (mix)

Toxic Substances Control Act (TSCA): All hazardous ingredients are found on the inventory list of substances.

Canadian Domestic Substances List (DSL):

Consumer Product Safety Commission (CPSC): This product complies with 16 CFR 1303 and does not contain more than 90 ppm of lead.

US STATE REGULATIONS:

California Proposition 65 chemicals known to cause cancer:

13463-67-7 Titanium Dioxide

100-41-4 Ethyl Benzene

Prop 65 chemicals known to cause birth defects or reproductive harm:

108-88-3 Toluene

67-56-1 Methanol

EPA: 142-82-5 Heptane
67-64-1 Acetone
1330-20-7 Xylene (mix)

16. Other Information

DISCLAIMER:

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.