

SECTION 1 - Identification

1.1 Identification

SDS # : XPEL-006
Product Name : XPEL PPF Sealant

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

Recommended Use : Sealant
UN/ID No : UN1993

1.3 Details of the Supplier of the Safety Data Sheet

XPEL, Inc.
3251 I-35
San Antonio, TX, 78219
T: +1 210-678-3700

1.4 Emergency telephone number

Emergency Number : +1 352-323-3500 (INFOTRAC International)
: +1 800-535-5053 (INFOTRAC)

SECTION 2 - Hazard(s) identification

Appearance: Light blue liquid

Physical state: Liquid

Odor: Sweet

2.1 Classification

Specific target organ toxicity (repeated exposure) : Category 1
Aspiration toxicity : Category 1
Flammable Liquids : Category 3

Signal word : Danger
Hazard Statements : Causes damage to organs through prolonged or repeated exposure
May be fatal if swallowed and enters airways
Flammable liquid and vapor



Precautionary statements

Prevention : Do not breathe dust/fume/gas/mist/vapors/spray
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink or smoke when using this product
Keep away from heat/sparks/open flames/hot surfaces. — No smoking
Keep container tightly closed
Ground/bond container and receiving equipment
Use explosion-proof equipment
Use only non-sparking tools
Take precautionary measures against static discharge
Wear protective gloves/protective clothing/eye protection/face protection

Response : Get medical advice/attention if you feel unwell
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
Do NOT induce vomiting
In case of fire: Use CO2, dry chemical, or foam for extinction

Storage : Store locked up
Store in a well-ventilated place. Keep cool

Disposal : Dispose of contents/container to an approved waste disposal plant

Other Hazards : Harmful to aquatic life with long lasting effects

SECTION 3 - Composition/Information on ingredients

3.2 Mixtures

Name	CAS Number	% (weight)
Petroleum Distillates, Hydrotreated light	64742-47-8	8 - 10
Aliphatic Hydrocarbon Solvent	64742-88-7	8 - 10

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4 - First-aid measures

4.1 Description of first-aid measures

General Advice Provide this SDS to medical personnel for treatment.

Eye Contact Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Skin Contact Remove/Take off immediately all contaminated clothing. Rinse skin with water/ shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Inhalation Remove exposed individual(s) to fresh air for 20 minutes. Consult a physician / poison center if individual's condition declines or if symptoms persist.

Ingestion Do NOT induce vomiting. Immediately call a poison center or doctor/physician. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms May cause skin and eye irritation.

4.3. Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Aspiration into the lungs may occur during ingestion or vomiting, causing lung damage or even death due to chemical pneumonia.

SECTION 5 - Fire-fighting measures

5.1 Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Carbon dioxide (CO2). Dry chemical. Alcohol resistant foam.

Unsuitable extinguishing media : Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards : Flammable liquid and vapor. Vapors are heavier than air and may travel along ground to ignition sources and flash back. Runoff to sewer may create fire or explosion hazard.

Hazardous Combustion Products : Carbon Monoxide.

5.3. Advice for Firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Do not release runoff from fire control methods to sewers or waterways.

SECTION 6 - Accidental release measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions : Wear protective clothing as described in Section 8 of this safety data sheet.

6.2 Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, Ecological Information. See Section 12 for additional Ecological Information.

6.3 Methods and material for containment and cleaning up

Methods for Containment : Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal. Water spray may be used to reduce vapors but may not prevent ignition in closed spaces. A vapor suppressing foam may be used to reduce vapors. Soak up and contain spill with an inert (i.e. vermiculite, dry sand or earth) absorbent material.

Methods for Clean-Up : Use only non-sparking tools. Sweep up and shovel into suitable containers for disposal. For waste disposal, see section 13 of the SDS. Use only non-sparking tools.

SECTION 7 - Handling and storage

7.1 Precautions for safe handling

Advice on Safe Handling : Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/ hot surfaces. — No smoking. Ground/bond container and receiving equipment. Use spark-proof tools and explosion-proof equipment. Take precautionary measures against static discharges. Keep cool.

SECTION 7 - Handling and storage

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions : Keep container tightly closed and store in a cool, dry and well-ventilated place. Avoid freezing while in storage.
Store locked up.

Incompatible Materials : Strong oxidizing agents. Strong alkalis.

SECTION 8 - Exposure controls/personal protection

8.1 Exposure Guidelines

No exposure limits noted for ingredient(s). The following information is given as general guidance

8.2 Appropriate Engineering Controls

Engineering Controls : Apply technical measures to comply with the occupational exposure limits. Ensure that eyewash stations and safety showers are close to the workstation location. Provide adequate ventilation.

8.3 Individual protection measures, such as personal protective equipment

Eye/Face Protection : Chemical goggles or full face shield. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection : Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Refer to 29 CFR 1910.138 for appropriate skin and body protection..

Respiratory Protection : If necessary, wear a MSHA/NIOSH-approved respirator. Refer to 29 CFR 1910.134 for respiratory protection requirements.

General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Light blue Liquid
Color	Light blue
Property	Values
pH	8-9
Melting point / freezing point	Not determined
Boiling point / boiling range	187.7-287.7 °C / 370-550 °F
Flash point	42.2 °C / 108 °F
Evaporation Rate	Not determined
Flammability (Solid, Gas)	Not determined
Flammability Limit in Air	
Upper flammability or explosive limits	Not determined
Lower flammability or explosive limits	Not determined
Vapour Pressure	< 1 mmHg @ 25°C (77°F)
Vapour Density	Not determined
Relative Density	0.9-0.815 @ 15.6°C (60°F)
Water Solubility	Not determined
Solubility(ies)	Not determined
Partition Coefficient	Not determined
Autoignition temperature	215.5 °C / 420 °F
Decomposition temperature	Not determined
Kinematic viscosity	Not determined
Dynamic Viscosity	Not determined
Explosive Properties	Not determined
Oxidizing Properties	Not determined
Odor	Sweet
Odor Threshold	Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

10.4 Conditions to avoid

Keep out of reach of children. Extremes of temperature and direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents. Strong alkalis.

10.6 Hazardous decomposition products

Carbon oxides. Fumes.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Product Information

Eye Contact Avoid contact with eyes.
 Skin Contact Prolonged contact may cause redness and irritation.
 Inhalation Do not inhale.
 Ingestion May be fatal if swallowed and enters airways.

11.2 Component Information

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLK
Petroleum Distillates, Hydrotreated light 64742-47-8	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Aliphatic Hydrocarbon Solvent 64742-88-7	> 25 mL/kg (Rat)	> 3000 mg/kg (Rabbit)	> 13 mg/L (Rat) 4 h

11.3 Information on physical, chemical and toxicological effects

Symptoms : Please see section 4 of this SDS for symptoms.

11.4 Delayed and immediate effects as well as chronic effects from short and long-term exposure

Carcinogenicity : Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP
 STOT - repeated exposure : Causes damage to organs through prolonged or repeated exposure.
 Carcinogenicity : May be fatal if swallowed and enters airways.

11.5 Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) : 40,040.00 mg/kg
 ATEmix (inhalation-vapor) : 12,012.00 mg/kg

SECTION 12: Ecological information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

12.2 Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Petroleum Distillates, Hydrotreated light 64742-47-8	3300: 48 h Desmodesmus subspicatus mg/L EC50	2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flowthrough	4720: 96 h Den-dronereides heteropoda mg/L LC50
Toluene 108-88-3	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static	100: 48 h Daphnia magna mg/L EC50

12.3 Persistence / degradability

Not determined.

12.4 Bioaccumulative

Not determined.

12.5 Mobility

Not determined.

12.6 Other adverse effects

Not determined.

SECTION 13: Disposal considerations

13.1 Disposal methods

Disposal of Wastes Disposal should be in accordance with applicable regional, national and local laws and regulations.
 Contaminated Packaging Disposal should be in accordance with applicable regional, national and local laws and regulations.

SECTION 14: Transport information

	14.1 UN/ID No.	14.2 Proper Shipping Name	14.3 Hazard Class	14.4 Packing Group
DOT	UN1993	Flammable liquid, n.o.s. (Petroleum distillates)	3	III
IATA	UN1993	Flammable liquid, n.o.s. (Petroleum distillates)	3	III
IMDG	UN1993	Flammable liquid, n.o.s. (Petroleum distillates)	3	III

SECTION 15: Regulatory information

15.1 International Inventories

	TSCA	DSL/NDSL	EINECS/ELINCS	INCS	IECSC	KECL	PICCS	AICS
Petroleum Distillates, Hydrotreated light	X	X	X		X	Present	X	X
Aliphatic Hydrocarbon Solvent	X	X	X		X	Present	X	X

Legend

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
- EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
- ENCS - Japan Existing and New Chemical Substances
- IECSC - China Inventory of Existing Chemical Substances
- KECL - Korean Existing and Evaluated Chemical Substances
- PICCS - Philippines Inventory of Chemicals and Chemical Substances
- AICS - Australian Inventory of Chemical Substances

15.2 US Federal Regulations

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

SARA 313

Not determined

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

15.3 US State Regulations

15.4 U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Aliphatic Hydrocarbon Solvent 64742-88-7	X		

Section 16: OTHER INFORMATION

NFPA	HEALTH HAZARDS	FLAMMABILITY	INSTABILITY	SPECIAL HAZARDS
	Not Determined	Not Determined	Not Determined	Not Determined
HMIS	HEALTH HAZARDS	FLAMMABILITY	PHYSICAL HAZARDS	PERSONAL PROTECTION
	Not Determined	Not Determined	Not Determined	Not Determined

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Disclaimer

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 information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet