XPEL PAINT PROTECTION FILM SEALANT

Safety Data Sheet

Issue Date: 26-Mar-2012 | **Revision Date:** 21-Apr-2020 | **Version** 1.1

SECTION 1: Identification

1.1. Product indentifier

Product name	XPEL Paint Protection Film Sealant

1.2. Other means of identification

SDS #	XPEL-006
UN/ID No	UN1993

1.3. Recommended use of the chemical and restrictions on use

Recommended Use	Sealant

1.4. Details of the supplier of the safety data sheet

XPEL, Inc.
618 W. Sunset Rd.
San Antonio, TX 78216
T 210-678-3700 | F 210-678-3701

1.5. Emergency telephone number

Emergency number (24 hr)	: +1-800-535-5053 (INFOTRAC)

SECTION 2: Hazards 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

Chemical Name	CAS No.	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

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 - Firefighting Measures

5.1 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 Specific Hazards Arising from the Chemical

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 Protective equipment and precautions 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.

SECTION 7 - Handling and Storage

7.1 Precautions for safe handling

Advice on Safe Handling	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. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing and eye/face protection. 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.

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 Physical and Chemical Properties

Material Description			
Physical State	: Liquid	**Odor**	: Sweet
Appearance	: Light blue liquid	**Odor Threshold**	: No data available
Color	: Light blue		

General Properties		
Property	**Values**	**Remarks • Method**
pH	8-9	
Melting Point/Freezing Point	No data available	
Boiling Point/Boiling Range	187.7-287.7 °C / 370-550 °F	
Flash Point	42.2 °C / 108 °F	
Evaporation Rate	No data available	(butyl acetate = 1)
Flammability (Solid, Gas)	No data available	
Flammability Limits in Air		
Upper Flammability Limits	Not determined	
Lower Flammability Limits	Not determined	
Vapor Pressure	< 1 mmHg	@ 25°C (77°F)
Vapor Density	No data available	(Air=1)
Relative Density	0.9-0.815	at 15.6°C (60°F)
Water Solubility	<1	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition 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	

SECTION 10: Stability and Reactivity

10.1 Reactivity

Not reactive under normal conditions.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

None under normal processing.

Hazardous Polymerization: Hazardous polymerization does not occur.

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 likely routes of exposure

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	Oral LD50	Dermal LD50	Inhalation LC50
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.
Aspiration hazard	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 Ecotoxicity

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		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 flow-through	4720: 96 h Den-dronereides heteropoda mg/L LC50
Aliphatic Hydrocarbon Solvent 64742-88-7	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 Waste treatment 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

Note
Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

	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

Chemical Name	TSCA	DSL/NDSL	EINECS/ELINCS	ENCS	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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Revision Note:	Emergency Number Updated

Disclaimer/Statement of Liability

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