XPEL PAINT PROTECTION FILM SEALANT

Safety Data Sheet

Issue Date: 26-Mar-2012 | **Revision Date:** 14-Dec-2016 | **Version** 1.1

SECTION 1: Identification Of The Substance/Mixture And Of The Company/Undertaking

1.1. Product indentifier

Product name	XPEL Paint Protection Film Sealant

Contains Petroleum Distillates, Hydrotreated light, Aliphatic Hydrocarbon Solvent

1.2. Other means of identification

SDS #	XPEL-006-EU

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use	Sealant

1.4. Details of the supplier of the safety data sheet

XPEL Technologies Corp.
618 W. Sunset Rd.
San Antonio, TX 78216

For further information, please contact

Contact Point: XPEL TECHNOLOGIES CORP. PHONE: 1-210-678-3700
Email Address: frank@xpel.com

1.5. Emergency telephone number

Emergency number (24 hr)	: INFOTRAC 1-352-323-3500 (International) : 1-800-535-5053 (North America)

SECTION 2: Hazards identification

2.1. Classification of the Substance or Mixture

Regulation (EC) No 1272/2008

Skin corrosion/irritation	: Category 1 - (H304)
Specific target organ toxicity (repeated exposure)	: Category 1 - (H372)
Chronic aquatic toxicity	: Category 3 - (H412)
Flammable Liquids	: Category 3 - (H226)

2.2. Label Elements

Product Identifier	Contains Petroleum Distillates, Hydrotreated light, Aliphatic Hydrocarbon Solvent
Signal word	Danger
Hazard statements	H304 - May be fatal if swallowed and enters airways H372 - Causes damage to organs through prolonged or repeated exposure H412 - Harmful to aquatic life with long lasting effects H226 - Flammable liquid and vapour

Precautionary Statements - EU (§28, 1272/2008)s	P264 - Wash face, hands and any exposed skin thoroughly after handling P260 - Do not breathe dust/fume/gas/mist/vapours/spray P270 - Do not eat, drink or smoke when using this product P370 + P378 - In case of fire: Use carbon dioxide, dry chemical, or alcohol-resistant foam to extinguish P240 - Ground/bond container and receiving equipment P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment P242 - Use only non-sparking tools P243 - Take precautionary measures against static discharge P405 - Store locked up P501 - Dispose of contents/container to industrial incineration plant P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor P331 - Do NOT induce vomiting P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P312 - Call a POISON CENTER or doctor if you feel unwell

2.3. Other Hazards

No information available

SECTION 3 - Composition/Information on Ingredients

3.2 Mixtures

Chemical Name	EC No	CAS No	Weight-%	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Petroleum Distillates, Hydrotreated light	Present	64742-47-8	8-10	Asp. Tox. 1 (H304)	Not determined
Aliphatic Hydrocarbon Solvent	Present	64742-88-7	8-10	STOT RE 1 (H372) Asp. Tox. 1 (H304) Flamm. Liq. 3 (H226) (self-classification)	Not determined

Full text of H- and EUH-phrases: see section 16
This product does not contain candidate substances of very high concern at a concentration >=0.1% (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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 be harmful in contact with skin. 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. Special Hazards Arising from the Substance or Mixture

Flammable liquid and vapour. 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

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required. 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.
For Emergency Responders	Use personal protection recommended in Section 8.

6.2 Environmental precautions

Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See Section 12, 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. Dyke 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 vapour suppressing foam may be used to reduce vapours. 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.

6.4. Reference to Other Sections

See Section 13: DISPOSAL CONSIDERATIONS.

SECTION 7 - Handling and Storage

7.1 Precautions for safe handling

Advice on Safe Handling	Do not breathe dust/fume/gas/mist/vapours/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.
General Hygiene Considerations	Handle in accordance with good industrial hygiene and safety practice.

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.

7.3 Specific End Use(s)

Specific Use(s)
Sealant.

Risk Management Methods (RMM)
The information required is contained in this Safety Data Sheet.

SECTION 8 - Exposure Controls/Personal Protection

8.1 Control Parameters

Exposure Limits	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

8.2 Exposure 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 Personal Protective Equipment

Eye/Face Protection	Chemical goggles or full face shield. Use approved safety goggles or safety glasses. If necessary, refer to appropriate regulations and standards.
Hand Protection	Wear impervious gloves. Ensure that the breakthrough time of the glove material is not exceeded. Refer to glove supplier for information on breakthrough time for specific gloves.
Skin and Body Protection	Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.
Respiratory Protection	Ensure adequate ventilation, especially in confined areas. In case of inadequate ventilation or risk of inhalation of vapors, use suitable respiratory equipment.

SECTION 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Material Description

Physical State	: Liquid	**Odour**	: Sweet
Appearance	: Light blue liquid	**Odour Threshold**	: No data available
Colour	: 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 °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	Not determined	(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	216 °C / 420 °F	
Decomposition Temperature	No data available	
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 normal conditions.

10.3 Possibility of hazardous reactions

Hazardous Polymerisation	Hazardous polymerisation does not occur.
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 oxidising agents. Strong alkalis.

10.6 Hazardous decomposition products
Carbon oxides. Fumes.

SECTION 11 - Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity

Product Information

Inhalation	Do not inhale.
Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Ingestion	May be fatal if swallowed and enters airways.

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

ATEmix (oral)	40,040.00 mg/kg
ATEmix (dermal)	12,012.00 mg/kg

Unknown Acute Toxicity

20%	of the mixture consists of ingredient(s) of unknown toxicity.
0%	of the mixture consists of ingredient(s) of unknown acute oral toxicity.
0%	of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
20%	of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
20%	of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
20%	of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

11.2 Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum Distillates, Hydrotreated light	> 5000 mg/kg (Rat)	= 2000 mg/kg (Rabbit)	> 5.2 mg/L (Rat) 4 h
Aliphatic Hydrocarbon Solvent	> 25 mL/kg (Rat)	= 3000 mg/kg (Rabbit)	> 13 mg/L (Rat) 4 h

Skin corrosion/irritation	Not classified.
Serious eye damage/eye irritation	Not classified.
Sensitisation	Not classified.
Germ cell mutagenicity	Not classified.
Carcinogenicity	Not classified.
Reproductive toxicity	Not classified.
STOT - single exposure	Not classified.
STOT - repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	May be fatal if swallowed and enters airways.

SECTION 12 - Ecological Information

12.1 Toxicity

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Crustacea
Petroleum Distillates, Hydrotreated light		2.2: 96 h Lepomis macrochirus mg/L LC50 static 45: 96 h Pimephales promelas mg/L LC50 flow-through 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static	4720: 96 h Den-dronereides heteropoda mg/L LC50
Aliphatic Hydrocarbon Solvent	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

12.2 Persistence / degradability

Not determined.

12.3 Bioaccumulative Potential

Not determined.

12.4 Mobility in Soil

Mobility
Not determined.

12.5 Results of PBT and vPvB Assessment

Not determined

12.6. Other Adverse Effects

Not determined.

SECTION 13 - Disposal Considerations

13.1 Waste treatment methods

Waste from Residues / Unused Products	Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated Packaging	Improper disposal or reuse of this container may be dangerous and illegal.

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
IMDG	UN1993	Flammable liquid, n.o.s. (Petroleum distillates)	3	III
RID	UN1993	Flammable liquid, n.o.s. (Petroleum distillates)	3	III
ADR	UN1993	Flammable liquid, n.o.s. (Petroleum distillates)	3	III
IATA	UN1993	Flammable liquid, n.o.s. (Petroleum distillates)	3	III

SECTION 15 - Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Substance or Mixture

France

Occupational Illnesses (R-463-3, France)

Chemical Name	French RG number	Title
Petroleum Distillates, Hydrotreated light 64742-47-8	RG 84	

European Union	Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.
Authorisations and/or restrictions on use:	This product does not contain substances subject to authorisation (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)
Persistent Organic Pollutants	Not applicable

Ozone-depleting substances (ODS) regulation (EC) 1005/2009 Not applicable

INTERNATIONAL INVENTORIES								
Component	**TSCA**	**DSL/NDSL**	**EINECS/ ELINCS**	**PICCS**	**ENCS**	**IECSC**	**AICS**	**KECL**
Petroleum Distillates, Hydrotreated light 64742-47-8 (8-10)	X	X	X	X	-	X	X	Present
Aliphatic Hydrocarbon Solvent 64742-88-7 (8-10)	X	X	X	X	-	X	X	Present

Legend

TSCA *- United States Toxic Substances Control Act Section 8(b) Inventory*

EINECS/ELINCS *- European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

DSL/NDSL *- Canadian Domestic Substances List/Non-Domestic Substances List*

PICCS *- Philippines Inventory of Chemicals and Chemical Substances*

ENCS *- Japan Existing and New Chemical Substances*

IECSC *- China Inventory of Existing Chemical Substances*

AICS *- Australian Inventory of Chemical Substances*

KECL *- Korean Existing and Evaluated Chemical Substances*

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance/mixture by the supplier.

SECTION 16 - Other Information

Full text of H-Statements referred to under section 3
H304 - May be fatal if swallowed and enters airways
H372 - Causes damage to organs through prolonged or repeated exposure if inhaled
H226 - Flammable liquid and vapour

Legend
SVHC: Substances of Very High Concern for Authorisation:

Legend **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**			
TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation

Classification Procedure	Calculation method

Issue Date:	26-Mar-2012
Revision Date:	14-Dec-2016
Revision Note:	New format

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Regulation (EU) No. 453/2010

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