

XPEL TPU WINDSHIELD PROTECTION FILM

Safety Data Sheet
according to the WHS Regulations
Issue date: 10/14/2024 Version: 1.0



SECTION 1: IDENTIFICATION

1.1. Product identifier

Product name TPU Windshield Protection Film

1.2. Other means of identification

SDS # XPEL-045

1.3. Recommended use of the chemical and restrictions on use

Recommended Use Windshield protectant film

1.4. Details of the supplier of the safety data sheet

Supplier Address

XPEL, Inc.
3251 I-35
San Antonio, TX 78216
Ph: (210) 678-3700
Fax: (210) 678-3701

1.5. Emergency telephone number

Emergency Telephone INFOTRAC 1-352-323-3500 (International)
1-800-535-5053 (North America)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200). However, this Safety Data Sheet (SDS) contains valuable information critical to the safe handling and proper use of this product. This SDS should be retained and available for employees and other users of this product.

Appearance According to product specification

Physical state Solid

Odor Slight

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name	CAS No	Weight-%
Elastic Polyurethane	Proprietary	45-70
PET (Polyethylene Terephthalate)	25038-59-9	30-60
Acrylic Adhesive	Proprietary	1-5
Proprietary	Proprietary	1-5

**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 thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.

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Skin Contact

Wash off immediately with plenty of water for at least 15 minutes.

Inhalation

Remove to fresh air.

Ingestion

Clean mouth with water and drink afterwards plenty of water.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms

Mechanical irritation (i.e. abrasion) to the eyes may occur due to exposure to fines produced from cutting, sawing, grinding, etc. Eyes may become red and scratchy and may tear.

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

Notes to Physician

Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Suitable Extinguishing Media

Dry chemical. Carbon dioxide (CO₂). Water spray (fog). Foam. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable Extinguishing Media

Not determined.

5.2. Specific Hazards Arising from the Chemical

Not determined.

Hazardous combustion products

Fumes. Toxic gases may be formed in a fire situation.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions

Use personal protective equipment as required.

6.2. Environmental precautions

Environmental precautions

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.

Methods for Clean-Up

If molten material is spilled, allow it to solidify. For solidified material remove mechanically by a method which minimizes the generation of airborne dust and place in appropriate containers as outlined by local disposal authorities.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on Safe Handling

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Materials

Strong oxidizers. Strong mineral acids. Alkali.

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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Exposure Guidelines

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

8.2. Appropriate engineering controls

Engineering Controls Showers. Eyewash stations. Ventilation systems.

8.3. Individual protection measures, such as personal protective equipment

Eye/Face Protection Safety glasses are recommended. Refer to 29 CFR 1910.133 for eye and face protection regulations.

Skin and Body Protection Fabric PVC gloves are recommended when handling material which will be cut or thermally processed, to help avoid the possibility of cuts or lacerations from sharp edges or thermal burns. Refer to 29 CFR 1910.138 for appropriate skin and body protection.

Respiratory Protection Use approved dust respirator when airborne dust is expected. 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 Solid

Appearance According to product specification

Color Clear

Odor Slight

Odor Threshold Not determined

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	No data available	
Flash point	390 °C / 740 °F	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	Not determined	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor Pressure	Not determined	
Vapor Density	No data available	
Relative Density	1.2	
Water Solubility	Not determined	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Autoignition temperature	390 °C / 740 °F	
Decomposition temperature	Not determined	
Kinematic viscosity	Not determined	

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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. Chemical stability

None under normal processing.

Hazardous Polymerization

Hazardous polymerization does not occur.

10.4. Conditions to Avoid

Keep out of reach of children.

10.5. Incompatible materials

Strong oxidizers. Strong mineral acids. Alkali.

10.6. Hazardous decomposition products

None known based on information supplied.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on likely routes of exposure

Product Information

Eye Contact	Avoid contact with eyes.
Skin Contact	Avoid contact with skin.
Inhalation	Do not inhale.
Ingestion	Not determined.

11.2. Component Information

Not available

11.3. Symptoms related to the physical, chemical and toxicological characteristics

Symptoms	Please see section 4 of this SDS for symptoms.
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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.
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11.5. Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document Not determined.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.2. Persistence/Degradability

Not determined.

12.3. Bioaccumulation

There is no data for this product.

12.4. Mobility

Not determined

12.5. 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.
DOT Not regulated
IATA Not regulated
IMDG Not regulated

SECTION 15: REGULATORY INFORMATION

15.1. International Inventories

Chemical name	TSCA	TSCA Inventory Status	DSL/NDSL	EINECS/ELINCS	ENCS	IECSC	KECI	PICCS	AIIC
PET (Polyethylene Terephthalate)	X	ACTIVE	X	X	X	X	X	X	X

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Legend:

- TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory
- DSL/NDL** - 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 Chemicals Inventory
- 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

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

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

California Proposition 65

This product does not contain any Proposition 65 chemicals.

U.S. State Right-to-Know Regulations

This product does not contain any substances regulated under applicable state right-to-know regulations

SECTION 16: OTHER INFORMATION

<u>NFPA</u>	Health hazards	Flammability	Instability	Special hazards
	-	-	-	-
<u>HMIS</u>	Health hazards	Flammability	Physical hazards	Personal Protection
	-	-	-	Not determined

Issue Date:	14-Oct-2024
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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.