

# FUSION PLUS PAINT & PPF

Safety Data Sheet  
according to the WHS Regulations  
Issue date: 08/01/2023 Version: 1.0  
SDS No: 10736-0051



## SECTION 1: Product identifier

### 1.1. GHS Product identifier

Product form	Mixture
Product name	XPEL FUSION PLUS PAINT & PPF

### 1.2. Other means of identification

Other means of identification	R1364
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### 1.3. Recommended use of the chemical and restrictions on use

Recommended Use	Surfactant
Restrictions on use	Surfactant

### 1.4. Details of manufacturer or importer

<b>Supplier</b> XPEL, Inc. 3251 I-35 San Antonio, TX, 78219 USA T +1 210-678-3700	<b>Supplier</b> XPEL Australia 4/2 Holker St. Newington NSW 2127 Australia
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E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

### 1.5. Emergency phone number

Emergency number	1300 366 961
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## SECTION 2: Hazard identification

### 2.1. Classification of the hazardous chemical

Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Flammable liquids, Category 3	H226
Serious eye damage/eye irritation, Category 2A	H319
Aspiration hazard, Category 1	H304

### 2.2. GHS Label elements, including precautionary statements

Hazard pictograms (GHS AU)



Flame

Exclamation  
mark

Health hazard

Signal word (GHS AU)

Danger

Contains

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics ( $\geq 50 - < 95$  %); 1-chloro-4(trifluoromethyl) benzene ( $\geq 0.1 - < 5$  %)

Hazard statements (GHS AU)

H226 - Flammable liquid and vapour

H304 - May be fatal if swallowed and enters airways  
 H319 - Causes serious eye irritation

#### Precautionary statements (GHS AU)

<b>P210</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
<b>P233</b>	Keep container tightly closed.
<b>P240</b>	Ground and bond container and receiving equipment.
<b>P241</b>	Use explosion-proof lighting, ventilating, electrical equipment.
<b>P264</b>	Wash hands, forearms and face thoroughly after handling.
<b>P280</b>	Wear protective gloves, protective clothing, eye protection, face protection.
<b>P301 + P310</b>	IF SWALLOWED: Immediately call a POISON CENTER, a doctor.
<b>P303+P361+P353</b>	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
<b>P305 + P351 + P338</b>	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
<b>P331</b>	Do NOT induce vomiting.
<b>P337 + P313</b>	If eye irritation persists: Get medical advice.
<b>P370 + P378</b>	In case of fire: Use media other than water to extinguish.
<b>P403 + P235</b>	Store in a well-ventilated place. Keep cool.
<b>P405</b>	Store locked up.
<b>P501</b>	Dispose of contents and container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards which do not result in classification

No additional information available

### SECTION 3: Composition and information on ingredients

Name	CAS No	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
Amino-functional Phenyl Methyl Silicone Resin	1242619-23-3	≥ 5 - < 20	Not classified
tert-butyl acetate	540-88-5	≥ 0.1 - < 10	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT SE 3, H336 STOT SE 3, H335

### SECTION 4: First aid measures

#### 4.1. Description of necessary first-aid measures

<b>First-aid measures general</b>	Call a physician immediately.
<b>First-aid measures after inhalation</b>	Remove person to fresh air and keep comfortable for breathing.
<b>First-aid measures after skin contact</b>	Rinse skin with water/shower. Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.
<b>First-aid measures after eye contact</b>	Rinse eyes with water as a precaution.
<b>First-aid measures after ingestion</b>	Do not induce vomiting. Call a physician immediately.

#### 4.2. Symptoms caused by exposure

<b>Symptoms/effects after skin contact</b>	Causes skin irritation. May cause an allergic skin reaction.
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Symptoms/effects after eye contact	Causes serious eye irritation.
Symptoms/effects after ingestion	May be fatal if swallowed and enters airways. Risk of lung oedema.

#### 4.3. Medical attention and special treatment

Treatment	Treat symptomatically.
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### SECTION 5: Fire-fighting measures

#### 5.1. Extinguishing media

Suitable Extinguishing Media	Water spray. Dry powder. Foam. Carbon dioxide.
Unsuitable Extinguishing Media	Do not use a solid water stream as it may scatter and spread fire.

#### 5.2. Specific hazards arising from the chemical

Fire hazard	Flammable liquid and vapour.
Explosion hazard	Product is not explosive.
General measures	Avoid contact with eyes, skin or mucous membrane. Evacuate the danger area. Evacuate personnel to a safe area.
Hazardous decomposition products in case of fire	Toxic fumes may be released.

#### 5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Hazchem Code	* 3Y

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

General measures	Avoid contact with eyes, skin or mucous membrane. Evacuate the danger area. Evacuate personnel to a safe area.
6.1.1. For non-emergency personnel Emergency procedures	Ventilate spillage area. No open flames, no sparks, and no smoking. Avoid breathing vapours, mist, dust, spray. Avoid contact with skin and eyes.
6.1.2. For emergency responders Protective equipment	Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

#### 6.3. Methods and materials for containment and cleaning up

For containment	Collect spillage.
Methods for cleaning up	Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Additional hazards when processed	Avoid contact with eyes, skin or mucous membrane.
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**Precautions for safe handling**      Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Ground/bond container and receiving equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Flammable vapours may accumulate in the container. Use explosion-proof equipment. Wear personal protective equipment. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area. Avoid breathing vapours, mist, dust, spray. Avoid contact with skin and eyes.

**Hygiene measures**      Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

**7.2. Conditions for safe storage, including any incompatibilities**

**Technical measures**      Ground/bond container and receiving equipment.

**Storage conditions**      Store in a well-ventilated place. Keep cool. Keep container tightly closed. Store locked up.

**Heat and ignition sources**      Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Information on mixed storage**      Keep away from food, drink and animal feeding stuffs.

**Storage area**      Keep out of frost.

**SECTION 8: Exposure controls and personal protection**

**8.1. Control parameters - exposure standards**

tert-butyl acetate (540-88-5)	
Australia - Occupational Exposure Limits	
Local name	tert-Butyl acetate
OES TWA [1]	950 mg/m <sup>3</sup>
OES TWA [2]	200 ppm
Regulatory reference	Workplace exposure standards for airborne contaminants (2022)

**8.2. Biological Monitoring**

No additional information available

**8.3. Engineering controls**

**Appropriate engineering controls**      Ensure good ventilation of the work station.

**8.4. Individual protection measures, such as personal protective equipment (PPE)**

**Hand protection**      Chemically resistant protective gloves

**Eye protection**      tightly fitting safety goggles

**Skin and body protection**      Wear suitable protective clothing

**Respiratory protection**      [In case of inadequate ventilation] wear respiratory protection.

**Environmental exposure controls**      Avoid release to the environment.

**SECTION 9: Physical and chemical properties**

**9.1 Information on Physical and Chemical Properties**

Physical state	Liquid
Appearance	Clear

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Colour	Colourless
Odour	aromatic
Odour Threshold	No data available
pH	No data available
pH solution	No data available
Relative evaporation rate (butylacetate=1)	No data available
Melting point / Freezing point	No data available
Boiling point	48 °C
Flash point	55 °C
Auto-ignition temperature	No data available
Flammability (solid, gas)	No data available
Vapour pressure	No data available
Relative density	No data available
Density	Relative density: 1
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	2 mm <sup>2</sup> /s
Explosive properties	Product is not explosive.
Explosive limits	No data available
Minimum ignition energy	No data available
Fat solubility	No data available

## SECTION 10: Stability and reactivity

Reactivity	Flammable liquid and vapour.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid contact with hot surfaces. Heat. No flames, no sparks. Eliminate all sources of ignition.
Incompatible materials	Strong oxidizing agent.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

Acute toxicity (oral)	Harmful if swallowed.
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

XPEL FUSION PLUS PAINT & PPF	
LD50 oral	4255.2 mg/kg
LD50 dermal	3269.6 mg/kg
tert-butyl acetate (540-88-5)	
ATE AU (gases)	4500 ppmv/4h
ATE AU (vapours)	11 mg/l/4h
ATE AU (dust,mist)	1.5 mg/l/4h

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Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Causes serious eye irritation.
Respiratory or skin sensitisation	Not classified
Germ cell mutagenicity	Not classified
Carcinogenicity	Not classified
Reproductive toxicity	Not classified
STOT-single exposure	Not classified

tert-butyl acetate (540-88-5)	
STOT-single exposure	May cause drowsiness or dizziness. May cause respiratory irritation.

STOT-repeated exposure	Not classified
Aspiration hazard	May be fatal if swallowed and enters airways.

Amino-functional Phenyl Methyl Silicone Resin (1242619-23-3)	
Animal studies and expert judgment for classification	False

tert-butyl acetate (540-88-5)	
Animal studies and expert judgment for classification	False

## SECTION 12: Ecological information

### 12.1. Ecotoxicity

Ecology - general	Very toxic to aquatic life with long lasting effects.
Hazardous to the aquatic environment, short-term (acute)	Not classified
Hazardous to the aquatic environment, long-term (chronic)	Not classified

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone	Not classified
Other adverse effects	No additional information available

XPPEL FUSION PLUS PAINT & PPF	
Fluorinated greenhouse gases	False

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Amino-functional Phenyl Methyl Silicone Resin (1242619-23-3)	
Fluorinated greenhouse gases	False
tert-butyl acetate (540-88-5)	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

**Waste treatment methods**      Dispose of contents/container in accordance with licensed collector's sorting instructions.  
**Additional information**      Flammable vapours may accumulate in the container.

## SECTION 14: Transport information

### 14.1. UN number

UN-No. (ADG)      1139  
 UN-No. (IMDG)      1139  
 UN-No. (IATA)      1139

### 14.2. UN Proper Shipping Name

Proper Shipping Name (ADG)      COATING SOLUTION  
 Proper Shipping Name (IMDG)      COATING SOLUTION  
 Proper Shipping Name (IATA)      Not regulated

### 14.3. Transport hazard class(es)

**ADG**  
 Transport hazard class(es) (ADG)      3  
 Danger labels (ADG)      3



**IMDG**  
 Transport hazard class(es) (IMDG)      3  
 Danger labels (IMDG)      3



**IATA**  
 Transport hazard class(es) (IATA)      3  
 Danger labels (IATA)      3



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## 14.4. Packing group

Packing group (ADG)	III - Substances presenting low danger
Packing group (IMDG)	III
Packing group (IATA)	III

## 14.5. Environmental hazards

Marine pollutant	No
Dangerous for the environment	No
Other information	No supplementary information available

## 14.6. Special precautions for user

Specific storage requirement	No data available
Shock sensitivity	No data available

## 14.7. Additional information

Other information	No supplementary information available
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## Transport by road and rail

UN-No. (ADG)	1139
Special provision (ADG)	223
Limited quantities (ADG)	5I
Excepted quantities (ADG)	E1
Packing instructions (ADG)	P001, IBC03, LP01
Portable tank and bulk container instructions (ADG)	T2
Portable tank and bulk container special provisions (ADG)	TP1

## Transport by sea

UN-No. (IMDG)	1139
Special provisions (IMDG)	955
Limited quantities (IMDG)	5 L
Excepted quantities (IMDG)	E1
Packing instructions (IMDG)	P001, LP01
IBC packing instructions (IMDG)	IBC03
Tank instructions (IMDG)	T2
Tank special provisions (IMDG)	TP1
EmS-No. (Fire)	F-E - FIRE SCHEDULE Echo - NON-WATER-REACTIVE FLAMMABLE LIQUIDS
EmS-No. (Spillage)	S-E - SPILLAGE SCHEDULE Echo - FLAMMABLE LIQUIDS, FLOATING ON WATER
Stowage category (IMDG)	A

## Air transport

UN-No. (IATA)	1139
PCA Excepted quantities (IATA)	E1
PCA Limited quantities (IATA)	Y344





<b>OECD</b>	Organisation for Economic Co-operation and Development
<b>OEL</b>	Occupational Exposure Limit
<b>PBT</b>	Persistent Bioaccumulative Toxic
<b>PNEC</b>	Predicted No-Effect Concentration
<b>RID</b>	RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
<b>SDS</b>	Safety Data Sheet
<b>STP</b>	Sewage treatment plant
<b>ThOD</b>	Theoretical oxygen demand (ThOD)
<b>TLM</b>	Median Tolerance Limit
<b>VOC</b>	Volatile Organic Compounds
<b>CAS-No.</b>	Chemical Abstract Service number
<b>N.O.S.</b>	Not Otherwise Specified
<b>vPvB</b>	Very Persistent and Very Bioaccumulative
<b>ED</b>	Endocrine disrupting properties
<b>DOT</b>	Department of Transport
<b>TDG</b>	Transportation of Dangerous Goods
<b>REACH</b>	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
<b>GIS</b>	Globally Harmonized System of Classification, Labelling and Packaging of Chemicals
<b>ICB-Code</b>	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
<b>CLP</b>	Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
<b>MARPOL 73/78 - MARPOL 73/78</b>	International Convention for the Prevention of Pollution From Ships
<b>ADG</b>	Transport of Australian Dangerous Goods

**Other information**

Data of sections 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities. The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. The delivery specifications are contained in the corresponding product sheet. This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

Classification	
Flam. Liq. 3	H226
Eye Irrit. 2A	H319
Asp. Tox. 1	H304

Full text of H-statements	
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Flam. Liq. 2	Flammable liquids, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Narcosis
STOT SE 3	Specific target organ toxicity – Single exposure, Category 3, Respiratory tract irritation
H225	Highly flammable liquid and vapour
H226	Flammable liquid and vapour

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H304	May be fatal if swallowed and enters airways
H319	Causes serious eye irritation
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness