

# FUSION PLUS GLASS

Safety Data Sheet  
according to the WHS Regulations  
Issue date: 08/01/2023 Version: 1.0  
SDS No: 10736-0034



## SECTION 1: Product identifier

### 1.1. GHS Product identifier

Product form	Mixture
Product name	XPEL FUSION PLUS GLASS

### 1.2. Other means of identification

Other means of identification	R1037
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### 1.3. Recommended use of the chemical and restrictions on use

Recommended Use	Surface Protection
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### 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)

Skin sensitisation, Category 1	H317
Carcinogenicity, Category 2	H351
Aspiration hazard, Category 1	H304

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

Hazard pictograms (GHS AU)



Exclamation  
mark

Health hazard

Signal word (GHS AU)

Danger

Contains

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (50 - 90 %); 1-chloro-4(trifluoromethyl) benzene (0,1 - 3 %)

Hazard statements (GHS AU)

H304 - May be fatal if swallowed and enters airways  
H317 - May cause an allergic skin reaction  
H351 - Suspected of causing cancer (inhalation)

## Precautionary statements (GHS AU)

<b>P201</b>	Obtain special instructions before use.
<b>P202</b>	Do not handle until all safety precautions have been read and understood.
<b>P261</b>	Avoid breathing vapours, mist, dust, spray.
<b>P272</b>	Contaminated work clothing should not be allowed out of the workplace.
<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>P302 + P352</b>	IF ON SKIN: Wash with plenty of water.
<b>P321</b>	Specific treatment (see supplemental first aid instruction on this label).
<b>P331</b>	Do NOT induce vomiting.
<b>P333 + P313</b>	If skin irritation or rash occurs: Get medical advice.
<b>P362 + P364</b>	Take off contaminated clothing and wash it before reuse.
<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)
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics	64742-48-9	50 - 90	Asp. Tox. 1, H304
tert-butyl acetate	540-88-5	0,1 - 5	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 STOT SE 3, H336 STOT SE 3, H335
1-chloro-4(trifluoromethyl) benzene	98-56-6	0,1 - 3	Flam. Liq. 3, H226 Skin Sens. 1B, H317 Carc. 2, H351 Repr. 2, H361

## 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>	Wash skin with plenty of water. Take off 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>	May cause an allergic skin reaction.
<b>Symptoms/effects after ingestion</b>	May be fatal if swallowed and enters airways.
<b>Chronic symptoms</b>	Suspected of causing cancer.

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## 4.3. Medical attention and special treatment

Treatment Treat symptomatically.

## 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

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.

## 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. Avoid contact with skin and eyes. Avoid breathing vapours, mist, dust, spray.

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

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.

Precautions for safe handling Wear personal protective equipment. Use only outdoors or in a well-ventilated area. Avoid breathing vapours, mist, dust, spray.

Hygiene measures 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

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

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

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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 insufficient ventilation, wear suitable respiratory equipment  
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	No data available
Colour	Colourless
Odour	Odourless
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	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Flammability (solid, gas)	No data available

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Vapour pressure	No data available
Relative density	No data available
Density	No data available
Solubility	No data available
Log Pow	No data available
Viscosity, kinematic	≤ 20.5 mm <sup>2</sup> /s 40°C
Explosive properties	No data available
Explosive limits	No data available
Minimum ignition energy	No data available
Fat solubility	No data available

## SECTION 10: Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	No dangerous reactions known under normal conditions of use.
Conditions to avoid	None under recommended storage and handling conditions (see section 7).
Incompatible materials	No additional information available
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11: Toxicological information

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

### Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)

LD50 dermal rat	> 2000 mg/kg bodyweight Animal: rat, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)
LD50 dermal rabbit	≥ 3160 mg/kg bodyweight Animal: rabbit, Guideline: OECD Guideline 402 (Acute Dermal Toxicity)

### 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

### 1-chloro-4(trifluoromethyl) benzene (98-56-6)

LD50 oral rat	5546 mg/kg bodyweight Animal: rat, Animal sex: male, 95% CL: 4575 - 6724
LD50 dermal rabbit	> 3300 mg/kg bodyweight Animal: rabbit
LC50 Inhalation - Rat	> 32.03 mg/l/4h Animal: rat, Guideline: EU Method B.2 (Acute Toxicity (Inhalation)), Guideline: OECD Guideline 403 (Acute Inhalation Toxicity)

#### Not classified

Skin corrosion/irritation	Not classified
Serious eye damage/irritation	Not classified
Respiratory or skin sensitisation	May cause an allergic skin reaction.
Germ cell mutagenicity	Not classified
Carcinogenicity	Suspected of causing cancer (inhalation).

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Reproductive toxicity Not classified  
STOT-single exposure Not classified

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

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

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
Animal studies and expert judgment for classification	False

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

1-chloro-4(trifluoromethyl) benzene (98-56-6)	
Animal studies and expert judgment for classification	False

## SECTION 12: Ecological information

### 12.1. Ecotoxicity

Ecology - general Harmful 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

1-chloro-4(trifluoromethyl) benzene (98-56-6)	
LC50 fish 1	3 mg/l Test organisms (species): Danio rerio (previous name: Brachydanio rerio)

### 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

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Fluorinated greenhouse gases	False
Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclics, < 2% aromatics (64742-48-9)	
Fluorinated greenhouse gases	False
tert-butyl acetate (540-88-5)	
Fluorinated greenhouse gases	False
1-chloro-4(trifluoromethyl) benzene (98-56-6)	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

**Waste treatment methods** Dispose of contents/container in accordance with licensed collector's sorting instructions

## SECTION 14: Transport information

### 14.1. UN number

No dangerous goods as defined by the transport regulations

### 14.2. UN Proper Shipping Name

**Proper Shipping Name (ADG)** Not regulated  
**Proper Shipping Name (IMDG)** Not regulated  
**Proper Shipping Name (IATA)** Not regulated

### 14.3. Transport hazard class(es)

#### ADG

Transport hazard class(es) (ADG) Not regulated

#### IMDG

Transport hazard class(es) (IMDG) Not regulated

#### IATA

Transport hazard class(es) (IATA) Not regulated

### 14.4. Packing group

**Packing group (ADG)** Not regulated  
**Packing group (IMDG)** Not regulated  
**Packing group (IATA)** Not regulated

### 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

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Shock sensitivity      No data available

### 14.7. Additional information

Other information      No supplementary information available

### Transport by road and rail

Not regulated

### Transport by sea

Not regulated

### Air transport

Not regulated

### 14.8. Hazchem or Emergency Action Code

Hazchem Code      Not applicable

## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations specific for the product in question

No additional information available

### 15.2. International agreements

No additional information available

## SECTION 16: Other information

### Abbreviations and acronyms

ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC-No.	European Community number
EC50	Median effective concentration
EN	European Standard
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration



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<b>LD50</b>	Median lethal dose
<b>LOAEL</b>	Lowest Observed Adverse Effect Level
<b>NOAEC</b>	No-Observed Adverse Effect Concentration
<b>NOAEL</b>	No-Observed Adverse Effect Level
<b>NOEC</b>	No-Observed Effect Concentration
<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	
Skin Sens. 1	H317
Carc. 2	H351
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
Carc. 2	Carcinogenicity, Category 2
Flam. Liq. 2	Flammable liquids, Category 2

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Flam. Liq. 3	Flammable liquids, Category 3
Repr. 2	Reproductive toxicity, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
Skin Sens. 1B	Skin sensitisation, category 1B
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
H304	May be fatal if swallowed and enters airways
H317	May cause an allergic skin reaction
H332	Harmful if inhaled
H335	May cause respiratory irritation
H336	May cause drowsiness or dizziness
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child

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