SECTION 1: Product identifier

1.1. GHS Product identifier

Product form	Mixture
Product name	XPEL FUSION PLUS CLASSIC

1.2. Other means of identification

Other means of identification	R1478

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

Supplier
XPEL, Inc.
3251 I-35
San Antonio, TX, 78219
USA
T +1 210-678-3700

Supplier
XPEL Australia
4/2 Holker St.
Newington NSW 2127
Australia

E-mail address of competent person responsible for the SDS: sds@gbk-ingelheim.de

1.5. Emergency phone number

Emergency number	1300 366 961

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 (≥ 50 – < 95 %); 1-chloro-4(trifluoromethyl) benzene (≥ 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)	
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233	Keep container tightly closed.
P240	Ground and bond container and receiving equipment.
P241	Use explosion-proof lighting, ventilating, electrical equipment.
P264	Wash hands, forearms and face thoroughly after handling.
P280	Wear protective gloves, protective clothing, eye protection, face protection.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER, a doctor.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P331	Do NOT induce vomiting.
P337 + P313	If eye irritation persists: Get medical advice.
P370 + P378	In case of fire: Use media other than water to extinguish.
P403 + P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	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

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

4.2. Symptoms caused by exposure

Symptoms/effects after skin contact	Causes skin irritation. May cause an allergic skin reaction.

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.

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.

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/m³
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

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^2/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 CLASSIC	
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

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

XPEL FUSION PLUS CLASSIC	
Fluorinated greenhouse gases	False

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

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

Transport by road and rail	
UN-No. (ADG)	1139
Special provision (ADG)	223
Limited quantities (ADG)	5l
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

PCA limited quantity max net quantity (IATA)	10L
PCA packing instructions (IATA)	355
PCA max net quantity (IATA)	60L
CAO packing instructions (IATA)	366
CAO max net quantity (IATA)	220L
Special provisions (IATA)	A3
ERG code (IATA)	3L

14.8. Hazchem or Emergency Action Code

Hazchem Code	* 3Y

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
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration

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

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