SECTION 1 - Indentification

1.1 Identification

Product form : Mixture
Product name : XPEL FUSION PLUS PAINT & PPF
Product code : R1364

Contains Naphtha (petroleum), hydrotreated heavy

1.2. Relevant identified uses of the substance or mixture and uses advised against

Surface protectant / surfacant

1.3 Details of the Supplier of the Safety Data Sheet

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

1.4 Emergency telephone number

Emergency Number : +1 352-323-3500 (INFOTRAC International)
: +1 800-535-5053 (INFOTRAC)

SECTION 2 - Hazard(s) identification

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008

Aspiration toxicity	Category 1 - (H304)
Chronic aquatic toxicity	Category 3 - (H412)
Flammable liquids	Category 3 - (H226)

2.2 Label Elements

Product Identifier

Contains Naphtha (petroleum), hydrotreated heavy

Signal word : Danger
Hazard statements : H304 - May be fatal if swallowed and enters airways
: H412 - Harmful to aquatic life with long lasting effects
: H226 - Flammable liquid and vapor

Precautionary statements EU (§28, 1272/2008) : P210 - Keep away from heat/sparks/open flames/hot surfaces. — No smoking
: P233 - Keep container tightly closed
: P240 - Ground/bond container and receiving equipment
: P241 - Use explosion-proof electrical/ ventilating/ lighting/ equipment
: P242 - Use only non-sparking tools
: P243 - Take precautionary measures against static discharge
: P273 - Avoid release to the environment
: P280 - Wear protective gloves/protective clothing/eye protection/face protection
: P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
: P331 - Do NOT induce vomiting
: P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
: P370 + P378 - In case of fire: Use CO2, dry chemical, or foam to extinguish
: P391 - Collect spillage
: P405 - Store locked up
: P403 + P235 - Store in a well-ventilated place. Keep cool
: P501 - Dispose of contents/ container to an approved waste disposal plant

2.3 Other hazards

No additional 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
Naphtha (petroleum), hydrotreated heavy	Present	64742-48-9	50-90	Muta. 1B (H340) Carc. 1B (H350) Asp. Tox. 1 (H304) STOT SE 3 (H336) (Self-Classification)	Not determined
tert-Butyl acetate	Present	540-88-5	0.1-5	(EUH066) Flam. Liq. 2 (H225) Acute Tox. 4 (H312) (Self-classification) Acute Tox. 4 (H332) (Self-classification)	Not determined
1-chloro-4(trifluoromethyl) benzene	Present	98-56-6	0.1-3	Aquatic Chronic 2 (H411) (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

Eye Contact Rinse immediately with plenty of water and seek medical advice.

Skin Contact Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.

Inhalation Move to a fresh air source.

Ingestion Immediately call a poison center or doctor/physician. Do NOT induce vomiting.

4.2. Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms May be fatal if swallowed and enters airways.

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 (and unsuitable) extinguishing media

Suitable extinguishing media : Carbon dioxide (CO2). Dry chemical. Foam.

Unsuitable extinguishing media : None known.

5.2. Special Hazards Arising from the Substance or Mixture

Products of combustion may include and are not limited to: oxides of carbon. Flammable liquid and vapour.

5.3. Advice for Firefighters

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

SECTION 6 - Accidental release measures

6.1. Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions

Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Use special care to avoid static electric charges. Remove all sources of ignition.

For Emergency Responders

Use personal protection recommended in Section 8.

6.2 Environmental precautions

Prevent entry to sewers and public waters. See Section 12 for additional Ecological Information.

SECTION 6 - Accidental release measures

6.3 Methods and material for containment and cleaning up

Methods for Containment Stop leak if safe to do so. Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.

Methods for Clean-Up Sweep or shovel spills into appropriate container for disposal. Provide ventilation.

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

Keep away from heat/sparks/open flames/hot surfaces. — No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ ventilating / lighting / equipment. Use only non-sparking tools. Take precautionary measures against static discharges. Wear protective gloves/protective clothing and eye/face protection. Avoid release to the environment.

General Hygiene Considerations

Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for Safe Storage, Including any Incompatibilities

Storage Conditions

Store locked up. Store in a well-ventilated place. Keep cool

7.3. Specific End Use(s)

Specific Use(s)

Surface protectant/surfactant.

Risk Management Methods (RMM)

The information required is contained in this Safety Data Sheet.

SECTION 8 - Exposure controls/personal protection

8.1 Control parameters

Chemical name	European Union	United Kingdom	France	Spain	Germany
tert-Butyl acetate 540-88-5	-	STEL: 250 ppm STEL: 1210 mg/m3 TWA: 200 ppm TWA: 966 mg/m3	TWA: 200 ppm TWA: 950 mg/m3	TWA: 200 ppm TWA: 966 mg/m3	TWA: 20 ppm TWA: 96 mg/m3
1-chloro-4(trifluoromethyl) benzene 98-56-6	-	-	-	-	-

Chemical name	Italy	Portugal	Netherlands	Finland	Denmark
tert-Butyl acetate 540-88-5	-	TWA: 200 ppm	-	TWA: 150 ppm TWA: 720 mg/m3 STEL: 200 ppm STEL: 960 mg/m3	TWA: 150 ppm TWA: 710 mg/m3 TWA: 50 ppm TWA: 150 mg/m3
1-chloro-4(trifluoromethyl) benzene 98-56-6	-	TWA: 2.5 mg/m3	-	-	TWA: 2.5 mg/m3

Chemical name	Austria	Switzerland	Poland	Norway	Ireland
tert-Butyl acetate 540-88-5	STEL 20 ppm STEL 96 mg/m3 TWA: 20 ppm TWA: 96 mg/m3 TWA: 100 ppm TWA: 480 mg/m3 Ceiling 20 ppm Ceiling 96 mg/m3 Ceiling 100 ppm Ceiling 480 mg/m3	STEL: 100 ppm STEL: 480 mg/m3 TWA: 50 ppm TWA: 240 mg/m3	STEL: 900 mg/m3 TWA: 900 mg/m3	TWA: 75 ppm TWA: 355 mg/m3 STEL: 112.5 ppm STEL: 443.75 mg/m3	TWA: 200 ppm TWA: 950 mg/m3 STEL: 600 ppm
1-chloro-4(trifluoromethyl) benzene 98-56-6	-	-	TWA: 2 mg/m3	-	TWA: 2.5 mg/m3 STEL: 7.5 mg/m3

SECTION 8 - Exposure controls/personal protection

8.2 Appropriate Engineering Controls

Engineering Controls	Showers. Eyewash stations. Ventilation systems.
Personal Protective Equipment	
Eye/Face Protection	Wear eye/face protection.
Hand Protection	Wear suitable gloves.
Skin and Body Protection	Wear suitable protective clothing.
Respiratory Protection	In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear liquid
Color	: Clear liquid
Odor	: Aromatic
Odor threshold	: Not determined
pH	: Not determined
Melting point / freezing point	: Not determined
Boiling point / boiling range	: 48 °C / 118 °F
Flash point	: 55 °C / 131 °F
Evaporation rate	: < 1
Flammability (Solid, Gas)	: Liquid - Not applicable
Flammability Limit in Air	
Upper flammability or explosive limits	: Not determined
Lower flammability or explosive limits	: Not determined
Vapor pressure	: <0.12 hPa
Vapor density	: Not determined
Relative density	: Not determined
Water Solubility	: Not determined
Solubility(ies)	: Not determined
Partition Coefficient	: Not determined
Auto-ignition temperature	: Not determined
Decomposition temperature	: Not determined
Kinematic Viscosity	: 2 mm2/s
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

None under normal processing.

10.4 Conditions to avoid

Heat. Incompatible Materials. Sources of ignition. Direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Carbon oxides.

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	Do not ingest.

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

ATEmix (oral)	4,928.40 mg/kg
ATEmix (dermal)	2,495.912 mg/kg
ATEmix (inhalation-dust/mist)	44.6440 mg/L

Unknown Acute Toxicity

100 % of the mixture consists of ingredient(s) of unknown toxicity.
19 % of the mixture consists of ingredient(s) of unknown acute oral toxicity.
19 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity.
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas).
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapour).
100 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist).

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Naphtha (petroleum), hydrotreated heavy	> 6000 mg/kg (Rat)	> 3160 mg/kg (Rabbit)	> 8500 mg/m3 (Rat) 4 h
tert-Butyl acetate	= 4100 mg/kg (Rat)	> 2 g/kg (Rabbit) > 2000 mg/kg (Rabbit)	> 9482 mg/m3 (Rat) 4 h > 2230 mg/m3 (Rat) 4 h
1-chloro-4(trifluoromethyl) benzene	= 13 g/kg (Rat)	> 2 mL/kg (Rabbit)	= 33 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 This product contains mineral oils which are considered to be severely refined and not considered to be carcinogenic under EU Regulations. All of the oils in this product have been demonstrated to contain less than 3% extractables by the IP 346 test.

Chemical name	European Union
Naphtha (petroleum), hydrotreated heavy	Carc. 1B

Reproductive toxicity Not classified.

STOT - single exposure Not classified.

STOT - repeated exposure Not classified.

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.

SECTION 12: Ecological information

12.1 Toxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
Naphtha (petroleum), hydrotreated heavy	-	2200: 96 h Pimephales promelas mg/L LC50	2.6: 96 h Chaetogammarus marinus mg/L LC50
tert-Butyl acetate	-	296 - 362: 96 h Pimephales promelas mg/L LC50 flow-through	
1-chloro-4(trifluoromethyl) benzene	-	3: 96 h Danio rerio mg/L LC50 semi-static 11.5 - 15.8: 48 h Lepomis macrochirus mg/L LC50 static	3.68: 48 h Daphnia magna mg/L EC50

12.2 Persistence and degradability

Not determined.

12.3 Bioaccumulative potential

Chemical name	Partition coefficient
tert-Butyl acetate	1.38
1-chloro-4(trifluoromethyl) benzene	3.7

12.4 Mobility in soil

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 Disposal 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

IMDG

14.1 UN number	**UN1139**
14.2 Proper Shipping Name	**Coating solution**
14.3 Transport hazard class(es)	**3**
14.4 Packing Group	**III**

RID

14.1 UN/ID No	**UN1139**
14.2 Proper Shipping Name	**Coating solution**
14.3 Transport hazard class(es)	**3**
14.4 Packing Group	**III**

ADR

14.1 UN number	**UN1139**
14.2 Proper Shipping Name	**Coating solution**
14.3 Transport hazard class(es)	**3**
14.4 Packing Group	**III**

IATA

14.1 UN number	**UN1139**
14.2 Proper Shipping Name	**Coating solution**
14.3 Transport hazard class(es)	**3**
14.4 Packing Group	**III**

SECTION 15: Regulatory information

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

National Regulations

France

Occupational Illnesses (R-463-3, France)

Chemical name	French RG number	Title
Naphtha (petroleum), hydrotreated heavy 64742-48-9	RG 84	
tert-Butyl acetate 540-88-5	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.

Authorizations and/or restrictions on use:

This product contains one or more substance(s) 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

Chemical name	TSCA	DSL/ NDSL	EINECS/ ELINCS	PICCS	ENCS	IECSC	AICS	KECL
Naphtha (petroleum), hydrotreated heavy 64742-48-9 (50-90)	X	X	X	X	-	X	X	X
tert-Butyl acetate 540-88-5 (0.1-5)	X	X	X	X	X	X	X	X
1-chloro-4(trifluoromethyl) benzene 98-56-6 (0.1-3)	X	X	X	X	X	X	X	X

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 International regulations

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

EUH066 - Repeated exposure may cause skin dryness or cracking
H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H312 - Harmful in contact with skin
H332 - Harmful if inhaled
H336 - May cause drowsiness or dizziness
H340 - May cause genetic defects
H350 - May cause cancer
H411 - Toxic to aquatic life with long lasting effects

Section 16: OTHER INFORMATION

Legend
SVHC: Substances of Very High Concern for Authorization:

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: 13-Nov-2020

Revision Date: 01-Jan-2023

Revision Note: New format

This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006, as amended by Commission Regulation (EU) 2015/830

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 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