

Safety Data Sheet

F57 GT ACRYFILLER HS GREY



Safety Data Sheet dated 5/26/2022, version 1

1. IDENTIFICATION

Product identifier

Mixture identification:

Trade code and name: F57 GT ACRYFILLER HS GREY

Recommended use of the chemical and restrictions on use

Recommended use:

Acrylic base coat

Restrictions on use:

Only for professional use.

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party
Company:

Industria Chimica Reggiana I.C.R. Spa

(subject to management and coordination by sole shareholder company PPG Industries Inc.)

Via Gasparini, 7 42124 REGGIO EMILIA Italia

Tel. +39 0522/517803 Fax +39 0522/514384

Competent person responsible for the safety data sheet:

sdsre@icrsprint.it

Emergency phone number

Via Gasparini, 7 42124 REGGIO EMILIA Italia

Tel. +39 0522/517803 Fax +39 0522/514384

2. HAZARD(S) IDENTIFICATION

Classification of the chemical

⚠ Warning, Flam. Liq. 3, Flammable liquid and vapour.

⚠ Warning, STOT RE 2, May cause damage to organs through prolonged or repeated exposure.

⚠ Warning, STOT SE 3, May cause drowsiness or dizziness.

Label elements

Hazard pictograms:



Warning

Hazard statements:

H226 Flammable liquid and vapour.

H373 May cause damage to organs through prolonged or repeated exposure.

H336 May cause drowsiness or dizziness.

Precautionary statements:

P210 Keep away from open flames - No smoking.

P260 Do not breathe vapours or spray.

P280.D Wear protective gloves and clothing and eye protection.

P314 Get medical advice/attention if you feel unwell.

P403+P233 Store in a well-ventilated place. Keep container tightly closed.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Hazards not otherwise classified identified during the classification process:

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

None
Ingredient(s) with unknown acute toxicity:
None.
Additional classification information
NFPA rating:



HMIS rating:



3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

>= 15% - < 20% n-butyl acetate

REACH No.: 01-2119485493-29, Index number: 607-025-00-1, CAS: 123-86-4, EC: 204-658-1

⚠ B.6/3 Flam. Liq. 3 H226

⚠ A.8/3 STOT SE 3 H336

>= 3% - < 5% Xylene

REACH No.: 01-2119488216-32, Index number: 601-022-01-6, CAS: 1330-20-7, EC: 215-535-7

⚠ B.6/3 Flam. Liq. 3 H226

⚠ A.1/4/Inhal Acute Tox. 4 H332

⚠ A.1/4/Dermal Acute Tox. 4 H312

⚠ A.3/2A Eye Irrit. 2A H319

⚠ A.8/3 STOT SE 3 H335

⚠ A.2/2 Skin Irrit. 2 H315

⚠ A.9/2 Unst. Expl.

⚠ A.10/1 Asp. Tox. 1 H304

>= 1% - < 3% 2-butoxyethyl acetate

REACH No.: 01-2119475112-47, Index number: 607-038-00-2, CAS: 112-07-2, EC: 203-933-3

⚠ A.1/4/Dermal Acute Tox. 4 H312

⚠ A.1/4/Inhal Acute Tox. 4 H332

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap. If irritation persists: Get medical advice/attention.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

In case of eyes contact:

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of Ingestion:

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

Most important symptoms/effects, acute and delayed

See section 11 for known symptoms and effects.

Indication of immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

CO2 or Dry chemical fire extinguisher.

Unsuitable extinguishing media:

None in particular.

Specific hazards arising from the chemical

Do not inhale explosion and combustion gases.

Burning produces heavy smoke. Carbon oxides.

Hazardous combustion products:

None

Explosive properties: N.D.

Oxidizing properties: N.D.

Special protective equipment and precautions for fire-fighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures

Wear personal protection equipment.

Remove all sources of ignition.

Remove persons to safety.

See protective measures under point 7 and 8.

Methods and materials for containment and cleaning up

Wash with plenty of water.

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not use on extensive surface areas in premises where there are occupants.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.

Keep away from food, drink and feed.

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Cool and adequately ventilated.

Storage temperature:

Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

n-butyl acetate - CAS: 123-86-4

EU - TWA(8h): 241 mg/m³, 50 ppm - STEL: 723 mg/m³, 150 ppm

ACGIH - TWA(8h): 50 ppm - STEL: 150 ppm - Notes: Eye and URT irr

Xylene - CAS: 1330-20-7

Italy - TWA(8h): 221 mg/m³, 50 ppm - STEL(): 442 mg/m³, 100 ppm - Notes: Assorbito attraverso la pelle

ACGIH - TWA(8h): 100 ppm - STEL: 150 ppm - Notes: A4, BEI - URT and eye irr, CNS impair

EU - TWA(8h): 221 mg/m³, 50 ppm - STEL: 442 mg/m³, 100 ppm - Notes: Skin

2-butoxyethyl acetate - CAS: 112-07-2

EU - TWA(8h): 133 mg/m³, 20 ppm - STEL: 333 mg/m³, 50 ppm - Notes: Skin

ACGIH - TWA(8h): 20 ppm - Notes: A3 - Hemolysis

DNEL Exposure Limit Values

n-butyl acetate - CAS: 123-86-4

Consumer: 102.34 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, systemic effects

Worker Professional: 960 mg/m³ - Consumer: 859.7 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 480 mg/m³ - Consumer: 102.34 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

Worker Professional: 480 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

Xylene - CAS: 1330-20-7

Worker Professional: 442 mg/kg - Exposure: Human Inhalation - Frequency: Short Term, local effects

Worker Professional: 212 mg/kg - Consumer: 108 mg/kg - Exposure: Human Dermal -

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

Frequency: Long Term, systemic effects
Worker Professional: 77 mg/m³ - Consumer: 14.8 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, local effects
Consumer: 1.6 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
Worker Professional: 212 mg/kg - Consumer: 125 mg/kg - Exposure: Human Dermal -
Frequency: Long Term (repeated)
Worker Professional: 221 mg/m³ - Consumer: 65.3 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term (repeated)
Consumer: 12.5 mg/kg/day - Exposure: Human Oral - Frequency: Long Term (repeated)
2-butoxyethyl acetate - CAS: 112-07-2
Worker Professional: 133 mg/m³ - Consumer: 67 mg/m³ - Exposure: Human Inhalation -
Frequency: Long Term, systemic effects
Consumer: 27 mg/kg - Exposure: Human Dermal - Frequency: Short Term, systemic effects -
Notes: bw/day
Consumer: 4.3 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects -
Notes: bw/day
Consumer: 18 mg/kg - Exposure: Human Oral - Frequency: Short Term, systemic effects -
Notes: bw/day
Worker Professional: 773 mg/m³ - Consumer: 499 mg/m³ - Exposure: Human Inhalation -
Frequency: Short Term, systemic effects
Worker Professional: 333 mg/m³ - Consumer: 166 mg/m³ - Exposure: Human Inhalation -
Frequency: Short Term, local effects
Worker Professional: 102 mg/kg - Consumer: 36 mg/kg - Exposure: Human Dermal -
Frequency: Long Term, systemic effects - Notes: bw/day

PNEC Exposure Limit Values
n-butyl acetate - CAS: 123-86-4
Target: STP - Value: 35.6 mg/l
Target: Fresh Water - Value: 0.18 mg/l
Target: Marine water - Value: 0.01 mg/l
Target: Intermittent emissions - Value: 0.36 mg/l
Target: Freshwater sediments - Value: 0.98 mg/kg
Target: Marine water sediments - Value: 0.09 mg/kg
Target: Soil - Value: 0.09 mg/kg

Xylene - CAS: 1330-20-7
Target: Purification plant - Value: 6.58 mg/l
Target: Marine water - Value: 0.32 mg/l
Target: Intermittent emissions - Value: 0.32 mg/l
Target: Freshwater sediments - Value: 12.46 mg/kg
Target: Marine water sediments - Value: 12.46 mg/kg
Target: Soil - Value: 2.31 mg/kg
Target: Fresh Water - Value: 0.32 mg/l

2-butoxyethyl acetate - CAS: 112-07-2
Target: Purification plant - Value: 90 mg/l
Target: Fresh Water - Value: 0.304 mg/l
Target: Marine water - Value: 0.0304 mg/l
Target: Intermittent emissions - Value: 0.56 mg/l
Target: Freshwater sediments - Value: 2.03 mg/kg
Target: Marine water sediments - Value: 0.203 mg/kg
Target: Soil - Value: 0.68 mg/kg
Target: Oral - Value: 0.06 g/kg

Biological Exposure Index
Xylene - CAS: 1330-20-7
Value: 1.5 g/g - medium: Urine - Biological Indicator: Creatinine in urine - Sampling Period:

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

End of turn
Appropriate engineering controls:
None
Individual protection measures
Eye protection:
Use close fitting safety goggles, don't use eye lens.
Protection for skin:
Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.
Protection for hands:
Use butyl rubber gloves that provides comprehensive protection, EN374 Class 3 (B-F-I). Permeation time; > 60 minutes. Thickness: 0.7 mm.
Respiratory protection:
Use adequate protective respiratory equipment.
Thermal Hazards:
None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and color:	Grey liquid
Odor:	Typical of solvent
Odor threshold:	N.D.
pH:	N.A.
Melting point / freezing point:	- 65.2°F
Initial boiling point and boiling range:	260.6 °F
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.D.
Vapour density:	4 (air = 1)
Flash point:	80.6 °F
Evaporation rate:	N.D.
Vapour pressure:	15 hPa
Relative density:	1,610 g/cm ³
Solubility in water:	Insoluble
Solubility in oil:	N.D.
Auto-ignition temperature:	779°F
Decomposition temperature:	N.D.
Viscosity:	> 20.5 mm ² /s (40°C)
Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

10. STABILITY AND REACTIVITY

Reactivity
Stable under normal conditions
Chemical stability
Stable under normal conditions
Possibility of hazardous reactions
It may generate flammable gases on contact with elementary metals (alkalis and alkaline earth), and nitrides.
It may catch fire on contact with oxidising mineral acids, powerful oxidising agents, and powerful reducing agents.
Conditions to avoid
Stable under normal conditions.

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

Incompatible materials

Avoid contact with combustible materials. The product could catch fire.

Hazardous decomposition products

None.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Toxicological information of the product:

N.A.

Toxicological information of the main substances found in the product:

n-butyl acetate - CAS: 123-86-4

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat > 6400 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

Test: LC50 - Route: Inhalation - Species: Rat = 21.1 mg/l - Duration: 4h

Xylene - CAS: 1330-20-7

a) acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 6700 ppm - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat = 5627 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg

2-butoxyethyl acetate - CAS: 112-07-2

a) acute toxicity:

Test: LD50 - Route: Oral - Species: Rat = 2400 mg/kg

Test: LD50 - Route: Oral - Species: Mouse = 3200 mg/kg

Test: LD50 - Route: Skin - Species: Rat = 1580 mg/kg

n-butyl acetate - CAS: 123-86-4

Components of the product can be absorbed by the body by inhalation. Main symptoms: Dizziness, narcosis, Cough, nausea, vomiting, headache, unconsciousness, shortness of breath. Repeated exposure can cause skin dryness and cracking.

Xylene - CAS: 1330-20-7

Inhalation: Harmful if inhaled. Very high concentrations of xylene lead to the progressive inhibition of the central nervous system (CNS), followed by coma, respiratory weakness, and finally absence of cerebral blood flow and death. High concentrations cause coma and respiratory weakening, destabilize the function of the kidneys and lead to liver damage. At low concentrations, irritation of the eyes, nasopharynx, illness, irritation, slow reaction times and reduced short-term memory occur. Vapors of xylene can cause dizziness, headache, nausea, mental confusion. Ingestion: In the event of ingestion of xylene, the injured person has a burning sensation and stomach ache, in case of aspiration there is a danger of chemical pneumonitis and pulmonary edema. Skin Contact: May be harmful if absorbed through the skin. Causes skin irritation. Contact with eyes: Vapors of xylene and xylene in liquid form irritate the eyes and membranes.

Substance(s) listed on the NTP report on Carcinogens:

None.

Substance(s) listed on the IARC Monographs:

Xylene - Group 3.

Substance(s) listed as OSHA Carcinogen(s):

None.

Substance(s) listed as NIOSH Carcinogen(s):

None.

12. ECOLOGICAL INFORMATION

F57/1

Page n. 7 of 11

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

n-butyl acetate - CAS: 123-86-4

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 44 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 648 mg/l - Duration h: 72

Endpoint: LC50 - Species: Fish = 18 mg/l - Duration h: 96

Xylene - CAS: 1330-20-7

a) Aquatic acute toxicity:

Endpoint: EC50 - Species: Daphnia = 1 mg/l - Duration h: 24

Endpoint: EC50 - Species: Algae = 4.36 mg/l - Duration h: 73

Endpoint: LC50 - Species: Fish = 2.6 mg/l - Duration h: 96

Endpoint: NOEC - Species: Algae = 0.44 mg/l - Duration h: 73

Endpoint: NOEC - Species: Daphnia = 1.57 mg/l - Duration h: 504

Endpoint: NOEC - Species: Fish = 1.3 mg/l - Duration h: 1344

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force. DO NOT discharge into sewers, watercourses, ponds, canals or ditches. Empty product containers must be completely drained and stored safely until appropriately processed or disposed. Empty containers must be recycled, recovered or disposed of by a qualified and authorized company operating in compliance with current recycling, recovery and disposal regulations. It is advisable to provide the disposal company with all safety information of the material contained in the empty packaging. DO NOT pressurize, DO NOT cut, DO NOT weld, DO NOT puncture, DO NOT crush, DO NOT expose empty containers to heat, flames, sparks, electrostatic discharge or other sources of ignition.

14. TRANSPORT INFORMATION



UN number

ADR-UN Number: 1263

IATA-UN Number: 1263

IMDG-UN Number: 1263

UN proper shipping name

ADR-Shipping Name: PAINT

IATA-Shipping Name: PAINT

IMDG-Shipping Name: PAINT

Transport hazard class(es)

F57/1

Page n. 8 of 11

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

ADR-Class:	3
ADR-Label:	3
ADR - Hazard identification number:	30
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3
IMDG-Class:	3
Packing group	
ADR-Packing Group:	III
IATA-Packing group:	III
IMDG-Packing group:	III
Environmental hazards	
ADR-Environmental Pollutant:	No
IMDG-Marine pollutant:	No
Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)	
N.A.	
Special precautions	
ADR-Subsidiary hazards:	-
ADR-S.P.:	163 367 640E 650
ADR-Transport category (Tunnel restriction code):	3 (D/E)
IATA-Passenger Aircraft:	355
IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	366
IATA-S.P.:	A3 A72 A192
IATA-ERG:	3L
IMDG-Page:	3372
IMDG-EmS:	F-E , S-E
IMDG-Subsidiary hazards:	-
IMDG-MFAG:	310
IMDG-Stowage and handling:	Category A
IMDG-Segregation:	-

15. REGULATORY INFORMATION

USA - Federal regulations

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory.

TSCA listed substances:

n-butyl acetate is listed in TSCA Section 8b

Xylene is listed in TSCA Section 8b

2-butoxyethyl acetate is listed in TSCA Section 8b.

SARA - Superfund Amendments and Reauthorization Act

Section 302 - Extremely Hazardous Substances: no substances listed.

Section 304 - Hazardous substances: n-butyl acetate, Xylene.

Section 313 - Toxic chemical list: Xylene.

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

Substance(s) listed under CERCLA: n-butyl acetate - Reportable quantity: 5000 pounds

Xylene - Reportable quantity: 100 pounds.

Reportable quantity for mixture: 300.0737574 pounds.

CAA - Clean Air Act

CAA listed substances:

n-butyl acetate is listed in CAA Section 111

Xylene is listed in CAA Section 111, Section 112(b) - HAP, Section 112(b) - HON

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

2-butoxyethyl acetate is listed in CAA Section 111, Section 112(b) - HON.
CWA - Clean Water Act
CWA listed substances:
n-butyl acetate is listed in CWA Section 304, Section 311
Xylene is listed in CWA Section 304, Section 311.

USA - State specific regulations

California Proposition 65

Substance(s) listed under California Proposition 65:
None.

Massachusetts Right to know

Substance(s) listed under Massachusetts Right to know:
n-butyl acetate
Xylene.

New Jersey Right to know

Substance(s) listed under New Jersey Right to know:
n-butyl acetate
Xylene
2-butoxyethyl acetate.

Pennsylvania Right to know

Substance(s) listed under Pennsylvania Right to know:
n-butyl acetate
Xylene.

16. OTHER INFORMATION

Full text of phrases referred to in Section 3:

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H332 Harmful if inhaled.
H312 Harmful in contact with skin.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H315 Causes skin irritation.
H304 May be fatal if swallowed and enters airways.

Safety Data Sheet dated 5/26/2022, version 1

Disclaimer:

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.

This Safety Data Sheet cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE: Acute Toxicity Estimate
ATEmix: Acute toxicity Estimate (Mixtures)
CAS: Chemical Abstracts Service (division of the American Chemical Society).
CLP: Classification, Labeling, Packaging.
DNEL: Derived No Effect Level.
EINECS: European Inventory of Existing Commercial Chemical Substances.

Safety Data Sheet

F57 GT ACRYFILLER HS GREY

GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average