

Page 1/11

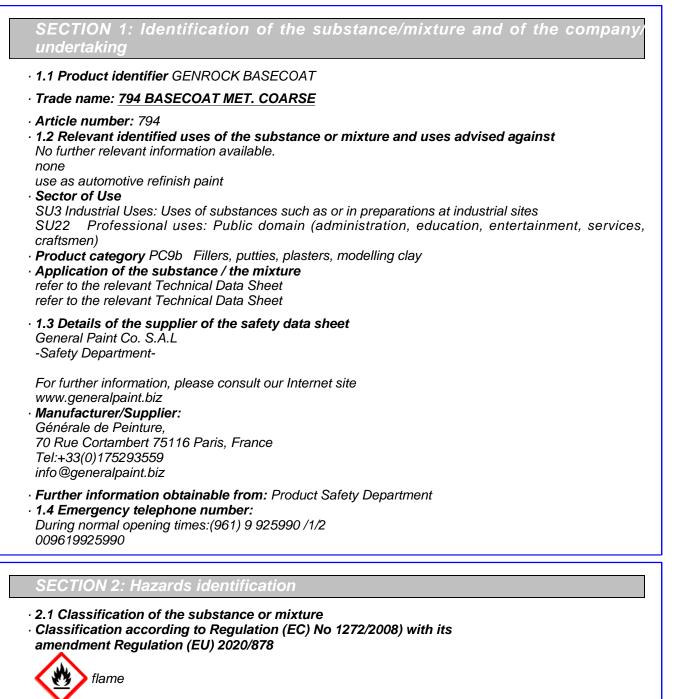
Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024



Flam. Lig. 3 H226 Flammable liquid and vapour.

(Contd. on page 2) LB/AR



Page 2/11

LB/AR

Safety data sheet

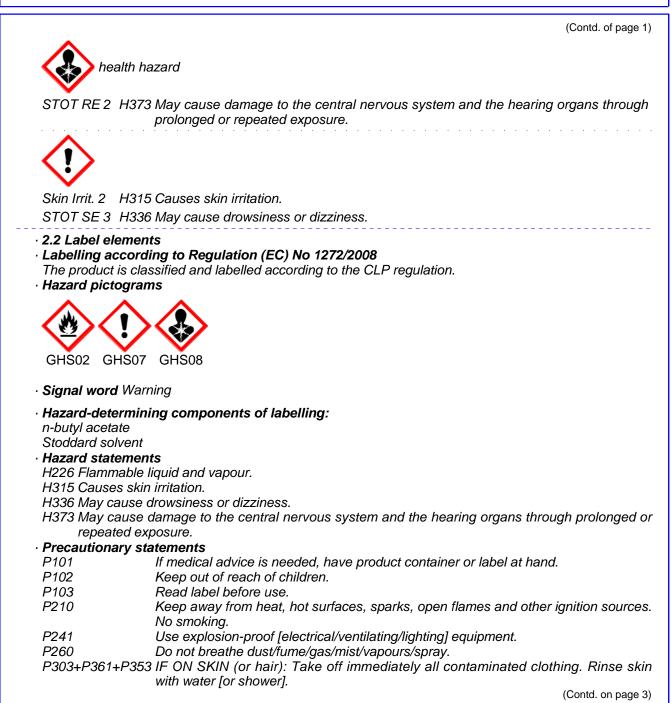
according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE





Page 3/11

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

P405 P501 (Contd. of page 2)

Store locked up. Dispose of contents/container in accordance with local/regional/national/ international regulations.

· 2.3 Other hazards

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· **Description:** Mixture of substances listed below with nonhazardous additions.

· Dangerous	components:	
123-86-4	n-butyl acetate	>25- <i>≤</i> 50%
	🚸 Flam. Liq. 3, H226; 🚸 STOT SE 3, H336	
1330-20-7		>10- <i>≤</i> 25%
	♦ Flam. Liq. 3, H226; ♦ Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	
64742-95-6	Solvent naphtha (petroleum), light arom.	>2.5- <i>≤</i> 10%
	Acute Tox. 4, H332; STOT SE 3, H335	
100-41-4	ethylbenzene	>2.5- <i>≤</i> 10%
8052-41-3	Stoddard solvent	<i>≤</i> 2.5%
	🚸 Flam. Liq. 3, H226; 🕹 STOT RE 1, H372; Asp. Tox. 1, H304	
· Additional i	nformation: For the wording of the listed hazard phrases refer to section 16.	

SECTION 4: First aid measures

· 4.1 Description of first aid measures

· General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

- After inhalation: In case of unconsciousness place patient stably in side position for transportation.
- After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water.

· After swallowing: If symptoms persist consult doctor.

• **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 4)

LB/AR



Page 4/11

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

• **4.3 Indication of any immediate medical attention and special treatment needed** No further relevant information available. (Contd. of page 3)

SECTION 5: Firefighting measures

· 5.1 Extinguishing media

- · Suitable extinguishing agents:
- CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- · For safety reasons unsuitable extinguishing agents: Water with full jet
- 5.2 Special hazards arising from the substance or mixture During heating or in case of fire poisonous gases are produced.
- 5.3 Advice for firefighters
- · Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

• 6.1 Personal precautions, protective equipment and emergency procedures Mount respiratory protective device. Wear protective equipment. Keep unprotected persons away.

• 6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

• 6.3 Methods and material for containment and cleaning up: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13. Ensure adequate ventilation.

• **6.4 Reference to other sections** See Section 7 for information on safe handling. See Section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

• **7.1 Precautions for safe handling** Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.

 Information about fire - and explosion protection: Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges.
 Keep respiratory protective device available.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage:

· Requirements to be met by storerooms and receptacles: No special requirements.

(Contd. on page 5)

LB/AR



Page 5/11

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

(Contd. of page 4)

- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions: Keep container tightly sealed.
- · Storage class: 3
- · 7.3 Specific end use(s) No further relevant information available.

SECTION 8: Exposure controls/personal protection

- · 8.1 Control parameters

· Additional i	nformation about design of technical facilities: No further data; see section 7.
 Ingredients 	with limit values that require monitoring at the workplace:
123-86-4 n-l	putyl acetate
IOELV (EU)	Short-term value: 723 mg/m³, 150 ppm
	Long-term value: 241 mg/m ³ , 50 ppm
1330-20-7 x	ylene
IOELV (EU)	Short-term value: 442 mg/m ³ , 100 ppm
	Long-term value: 221 mg/m³, 50 ppm
	Skin
100-41-4 etł	nylbenzene
IOELV (EU)	Short-term value: 884 mg/m³, 200 ppm
	Long-term value: 442 mg/m³, 100 ppm
	Skin
· Additional i	nformation: The lists valid during the making were used as basis.
· 8.2 Exposul	re controls
· Personal pr	otective equipment:
	tective and hygienic measures:
	rom foodstuffs, beverages and feed.
Immediatelv	remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work. Store protective clothing separately.

- Avoid contact with the skin.
- Avoid contact with the eyes and skin.

· Respiratory protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:



Protective gloves

(Contd. on page 6)



Page 6/11

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

(Contd. of page 5)

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:



Tightly sealed goggles

SECTION 9: Physical and chemical properties

• 9.1 Information on basic physical and • General Information	chemical properties	
· Appearance:		
Form:	Liquid	
Colour:	Silver-coloured	
· Odour:	Characteristic	
· Odour threshold:	Not determined.	
· pH-value:	Not determined.	
 Change in condition Melting point/freezing point: Initial boiling point and boiling range 	Undetermined. e: 124-128 °C	
· Flash point:	25 ℃	
· Flammability (solid, gas):	Flammable.	
· Auto-ignition temperature:	370 °C	
· Decomposition temperature:	Not determined.	
· Ignition temperature:	Product is not selfigniting.	
	(Contd. on pa	age 7)



Page 7/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

	(Contd. of page 6)
· Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
· Explosion limits:	
Lower:	1.1 Vol %
Upper:	7.5 Vol %
· Vapour pressure at 20 °C:	10.7 hPa
· Density at 20 °C:	0.956 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
water:	Not miscible or difficult to mix.
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
· Solvent content:	
Organic solvents:	73.8 %
VÕC (EC)	705.4 g/l
Solids content:	24.8 %
· 9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- · 10.2 Chemical stability
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known.
- 10.3 Fossibility of nazardous reactions no dangerous reactions know
- **10.4 Conditions to avoid** No number relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

(Contd. on page 8)

LB/AR



Page 8/11

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

(Contd. of page 7)

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

123-86-4 n-butyl acetate

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	Oral	LD50	13,100 mg/kg (rat) >5,000 mg/kg (rabbit) >21 mg/l (rat)
	_ .		
	Dermal	LD50	>5.000 ma/ka (rabbit)
			J. J. J. J. J.
	Inhalative	I C50/4 h	>21 ma/l (rat)
		2000/111	·

· Primary irritant effect:

- · Skin corrosion/irritation
- Causes skin irritation.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- · Additional toxicological information:
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- · Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- · STOT-single exposure
- May cause drowsiness or dizziness.
- · STOT-repeated exposure
- May cause damage to the central nervous system and the hearing organs through prolonged or repeated exposure.
- Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

· 12.1 Toxicity

- Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- · 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- · Additional ecological information:
- · General notes:

Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

- · 12.5 Results of PBT and vPvB assessment
- · PBT: Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 9)



Page 9/11

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

· 12.6 Other adverse effects No further relevant information available.

(Contd. of page 8)

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
 Recommendation
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- · Uncleaned packaging:
- Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information · 14.1 UN-Number · ADR, IMDG, IATA UN1263 · 14.2 UN proper shipping name · ADR 1263 PAINT · IMDG, IATA PAINT · 14.3 Transport hazard class(es) NOT APPLICABLE · ADR, IMDG, IATA · Class 3 Flammable liquids. · Label 3 · 14.4 Packing group · ADR, IATA $\parallel \parallel$ ·IMDG Void · 14.5 Environmental hazards: · Marine pollutant: No · 14.6 Special precautions for user Warning: Flammable liquids. · Hazard identification number (Kemler code): 68 F-E,S-E · EMS Number: · Stowage Category Α · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code Not applicable. (Contd. on page 10) LB/AR



Page 10/11

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

· Transport/Additional information:	(Contd. of page
 ADR Limited quantities (LQ) Excepted quantities (EQ) 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 m
 Transport category Tunnel restriction code 	3 D/E
 IMDG Limited quantities (LQ) Excepted quantities (EQ) 	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 m
· UN "Model Regulation":	UN 1263 PAINT, 3, III

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- · Directive 2012/18/EU
- · Named dangerous substances ANNEX I None of the ingredients is listed.
- · Seveso category P5c FLAMMABLE LIQUIDS
- · Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
- 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.

(Contd. on page 11)

⁻ LB/AR



Page 11/11

Safety data sheet according to Regulation (EC) No 1907/2006, Article 31

Printing date 08.08.2024

Version number 1.2

Revision: 29.07.2024

Trade name: 794 BASECOAT MET. COARSE

H372 Causes damage to organs through p H373 May cause damage to organs throug	
TISTS May cause damage to organs throug	n proionged of repeated exposure.
· Department issuing SDS: Product safety	department
· Contact: N/A	
Abbreviations and acronyms:	
	des marchandises dangereuses par chemin de fer (Regulations Concer
the International Transport of Dangerous Goods by Ra	
ICAO: International Civil Aviation Organisation	
	archandises dangereuses par route (European Agreement Concerning
International Carriage of Dangerous Goods by Road)	
IMDG: International Maritime Code for Dangerous Go	ods
IATA: International Air Transport Association	
GHS: Globally Harmonised System of Classification a	
EINECS: European Inventory of Existing Commercial	
ELINCS: European List of Notified Chemical Substand	
CAS: Chemical Abstracts Service (division of the Ame	rican Chemical Society)
VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent	
LD50: Lethal dose, 50 percent	
PBT: Persistent, Bioaccumulative and Toxic	
vPvB: very Persistent and very Bioaccumulative	
Flam. Lig. 2: Flammable liquids – Category 2	
Flam. Lig. 3: Flammable liquids – Category 3	
Acute Tox. 4: Acute toxicity – Category 4	
Skin Irrit. 2: Skin corrosion/irritation – Category 2	
STOT SE 3: Specific target organ toxicity (single expo	sure) – Category 3
STOT RE 1: Specific target organ toxicity (repeated ex	
STOT RE 2: Specific target organ toxicity (repeated e.	xposure) – Category 2
Asp. Tox. 1: Aspiration hazard – Category 1 • * Data compared to the previous versior	