

# Safety data sheet

Page: 1/12

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

## AC Separol TN

Chemical name: Polymethyl methacrylate

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

Recommended use: anti-adhesive agents

Not recommended use: Uses other than recommended

### 1.3. Details of the supplier of the safety data sheet

Company:  
Chemetall Ltd.  
Napier House, Auckland Park  
Bletchley, MK1 1BU  
Great Britain  
+44 1908 649333  
sds.global-chemetall@basf.com

### 1.4. Emergency telephone number

International emergency number:  
Telephone: +49 180 2273-112

---

## SECTION 2: Hazards Identification

### 2.1. Classification of the substance or mixture

---

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

---

According to Regulation (EC) No 1272/2008 [CLP]

No need for classification according to GHS criteria for this product.

## **2.2. Label elements**

Globally Harmonized System, EU (GHS)

The product does not require a hazard warning label in accordance with GHS criteria.

## **2.3. Other hazards**

According to Regulation (EC) No 1272/2008 [CLP]

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

---

## **SECTION 3: Composition/Information on Ingredients**

### **3.1. Substances**

Chemical nature

Resin based on: polyacrylate

Hazardous ingredients (GHS)

according to Regulation (EC) No. 1272/2008

Under the referenced regulation, this product does not contain any components classified for health hazards above the relevant cut off value.

### **3.2. Mixtures**

Not applicable

---

## **SECTION 4: First-Aid Measures**

### **4.1. Description of first aid measures**

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Remove affected person from danger area. Immediately remove contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

If inhaled:

---

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

Remove the affected individual into fresh air and keep the person calm. If symptoms persist, seek medical advice. If breathing is irregular or stopped, administer artificial respiration.

On skin contact:

If symptoms persist, seek medical advice. Remove contaminated clothing. Wash skin with soap and water, rinse abundantly. Do NOT use solvents or thinners.

On contact with eyes:

If symptoms persist, seek medical advice. Contact lenses should be removed. Hold eyelids open and flush with copious amounts of clean, fresh water or a special eyewash solution.

On ingestion:

Do not induce vomiting. Rinse mouth thoroughly with water, seek medical attention. If adverse health effects develop seek medical attention.

#### **4.2. Most important symptoms and effects, both acute and delayed**

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11.

Hazards: Dusts may cause mechanical irritation to eyes.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

Treatment: Symptomatic treatment (decontamination, vital functions).

Antidote: No known specific antidote.

---

## **SECTION 5: Fire-Fighting Measures**

### **5.1. Extinguishing media**

Suitable extinguishing media:

carbon dioxide, alcohol-resistant foam, dry powder, water spray

Unsuitable extinguishing media for safety reasons:

water jet

### **5.2. Special hazards arising from the substance or mixture**

Endangering substances: carbon oxides

Advice: Fire will produce dense black smoke. Inhalation of dangerous decomposition products may cause serious damage to health.

### **5.3. Advice for fire-fighters**

Special protective equipment:

Appropriate breathing apparatus may be required.

Further information:

Cool closed containers in the vicinity of the source of fire. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations. Product itself is non-combustible; fire extinguishing method of surrounding areas must be considered. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems.

---

---

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

---

## SECTION 6: Accidental Release Measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Do not inhale dusts. For non-emergency personnel: Use personal protective clothing. Ensure adequate ventilation. Keep away from sources of ignition. For emergency responders: Advice on product handling can be found in sections 7 and 8 of this safety data sheet. Information regarding personal protective measures, see section 8.

### 6.2. Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil. If the product enters drains or sewers, the local water company should be contacted immediately; in the case of contamination of streams, rivers or lakes, the Environment Agency.

### 6.3. Methods and material for containment and cleaning up

Avoid dust formation. Contain and collect mechanically and dispose of in accordance with local regulations. Ensure adequate ventilation.

### 6.4. Reference to other sections

Information regarding exposure controls/personal protection and disposal considerations can be found in section 8 and 13.

---

## SECTION 7: Handling and Storage

### 7.1. Precautions for safe handling

Avoid dust formation. Protect against moisture. Provide good ventilation of working area (local exhaust ventilation if necessary). Do not return residues to the storage containers. Smoking, eating and drinking are forbidden in application area. For personal protection see section 8. Comply with the health and safety at work laws. The workplace should be equipped with an emergency shower and eye-rinsing facility. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice.

Protection against fire and explosion:

Avoid dust formation. Avoid all sources of ignition: heat, sparks, open flame. The relevant fire protection measures should be noted.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Suitable materials for containers: High density polyethylene (HDPE), Low density polyethylene (LDPE), Polyethylenetherephtalate (PET), Polypropylene (PP), Paper/Fibreboard

Further information on storage conditions: Keep container dry. Keep in a cool, well-ventilated place. Protect against moisture. Avoid direct sunlight. Close containers carefully once opened and store them upright in order to prevent any leakage. No smoking. No admission for unauthorised personnel. Always keep in containers of same material as the original one. Observe label precautions. Avoid dust formation, product dust can form an explosive mixture with air.

Storage stability:

Storage temperature: 5 - 40 °C

Storage duration: > 12 Months

### 7.3. Specific end use(s)

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

---

## SECTION 8: Exposure Controls/Personal Protection

### 8.1. Control parameters

#### Components with occupational exposure limits

No occupational exposure limits known.

#### Biological limit values (BLV)

No data available.

### 8.2. Exposure controls

#### Appropriate engineering controls

Ensure adequate ventilation. This can be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations at the workplace below the occupational exposure limits, appropriate certified respirators must be worn.

#### Personal protective equipment

Respiratory protection:

Respiratory protection required if exposure limit (if available) may be exceeded (Particle filter EN 143 P1)

Hand protection:

Chemical resistant protective gloves (EN ISO 374-1)

chloroprene rubber (CR) - 0.5 mm coating thickness

nitrile rubber (NBR) - 0.4 mm coating thickness

butyl rubber gloves - material thickness: 0,5 mm

Performance level 6, corresponding to a breakthrough time of >480 min according to EN ISO 374-1

The protection glove should be tested for its specific suitability (e.g. mechanical strength, product compatibility, anti-static properties).

The gloves should be replaced immediately in case of damage or signs of wear. It is recommended to use preventative skin protection (skin cream).

Eye protection:

Tightly fitting safety goggles (splash goggles) (e.g. EN 166)

Body protection:

Chemical resistant protective clothing according to DIN EN 13034 (Type 6)

#### General safety and hygiene measures

Eye wash fountains and safety showers must be easily accessible. Avoid inhalation of dusts. Avoid contact with the skin, eyes and clothing. Handle in accordance with good industrial hygiene and safety practice. Remove contaminated clothing immediately and dispose of safely. Hands and/or face should be washed before breaks and at the end of the shift. Keep separated from food stuffs and feed stocks.

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

#### Environmental exposure controls

For information regarding environmental exposure controls, see Section 6.

## SECTION 9: Physical and Chemical Properties

### 9.1. Information on basic physical and chemical properties

Form:	solid
Colour:	white
Odour:	slight odour
pH value:	substance/mixture is non-soluble (in water)
Melting point:	105 °C
onset of boiling:	> 240 °C
Flash point:	> 390 °C
Flammability:	not flammable
Lower explosion limit:	not applicable
Ignition temperature:	not applicable
Vapour pressure:	(20 °C) not determined
	(50 °C) not determined
Self ignition:	Temperature: 465 °C
Thermal decomposition:	> 240 °C
Viscosity, kinematic:	(20 °C) not applicable
	(40 °C) not applicable
Explosion hazard:	Product is not explosive, however a dust explosion could result from an air / dust mixture.
Fire promoting properties:	not fire-propagating

### 9.2. Other information

Self heating ability:	It is not a substance capable of spontaneous heating.
Minimum ignition energy:	999 mJ (VDI 2263, sheet 1, 2.1.2)
	The product is capable of dust explosion.
Bulk density:	705 kg/m <sup>3</sup> (DGF-H-II 1b)
Miscibility with water:	immiscible

---

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

Flow time:

not applicable

---

## SECTION 10: Stability and Reactivity

### 10.1. Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

### 10.2. Chemical stability

The product is stable if stored and handled as prescribed/indicated.

### 10.3. Possibility of hazardous reactions

Dust can form an explosive mixture with air.

### 10.4. Conditions to avoid

Avoid dust formation. Avoid direct sunlight. Avoid humidity. Avoid all sources of ignition: heat, sparks, open flame.

### 10.5. Incompatible materials

Substances to avoid:

Keep away from highly acidic or alkaline substances as well as oxidants in order to prevent exothermal reactions.

### 10.6. Hazardous decomposition products

Possible decomposition products:

When exposed to high temperatures hazardous decomposition products such as carbon monoxide, carbon dioxide, smoke, oxides of nitrogen may be produced., No hazardous decomposition products if stored and handled as prescribed/indicated.

---

## SECTION 11: Toxicological Information

### 11.1. Information on toxicological effects

#### Acute toxicity

Assessment of acute toxicity:

Based on available Data, the classification criteria are not met.

#### Irritation

Assessment of irritating effects:

Based on available Data, the classification criteria are not met.

#### Respiratory/Skin sensitization

Assessment of sensitization:

Based on available Data, the classification criteria are not met.

#### Germ cell mutagenicity

---

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

Assessment of mutagenicity:

Based on available Data, the classification criteria are not met.

#### Carcinogenicity

Assessment of carcinogenicity:

Based on available Data, the classification criteria are not met.

#### Reproductive toxicity

Assessment of reproduction toxicity:

Based on available Data, the classification criteria are not met.

#### Developmental toxicity

Assessment of teratogenicity:

Based on available Data, the classification criteria are not met.

#### Specific target organ toxicity (single exposure)

Assessment of STOT single:

Based on available Data, the classification criteria are not met.

#### Repeated dose toxicity and Specific target organ toxicity (repeated exposure)

Assessment of repeated dose toxicity:

Based on available Data, the classification criteria are not met.

#### Aspiration hazard

No aspiration hazard expected.

---

## **SECTION 12: Ecological Information**

### **12.1. Toxicity**

Assessment of aquatic toxicity:

There are no test results available for this product. Do not allow to enter drains or waterways. The mixture has been assessed following regulation (EC) No 1272/2008 and is not classified as dangerous for the environment.

### **12.2. Persistence and degradability**

Assessment biodegradation and elimination (H<sub>2</sub>O):

No data available concerning biodegradation and elimination.

### **12.3. Bioaccumulative potential**

Bioaccumulation potential:

No data available.

---

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

---

#### 12.4. Mobility in soil

Assessment transport between environmental compartments:

Adsorption in soil: No data available.

#### 12.5. Results of PBT and vPvB assessment

According to Annex XIII of Regulation (EC) No.1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH): The product does not contain a substance fulfilling the PBT (persistent/bioaccumulative/toxic) criteria or the vPvB (very persistent/very bioaccumulative) criteria.

#### 12.6. Other adverse effects

The product does not contain substances that are listed in Regulation (EC) 1005/2009 on substances that deplete the ozone layer.

---

### SECTION 13: Disposal Considerations

#### 13.1. Waste treatment methods

Observe national and local legal requirements.  
No disposal via sewage or waste water systems.

Waste key:

Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities.

Contaminated packaging:

Containers which are not properly emptied must be disposed pursuant to Directive 2008/98/EC

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

---

### SECTION 14: Transport Information

#### Land transport

ADR

Not classified as a dangerous good under transport regulations

UN number: Not applicable

UN proper shipping name: Not applicable

Transport hazard class(es): Not applicable

Packing group: Not applicable

Environmental hazards: Not applicable

Special precautions for user: None known

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

## RID

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

## Inland waterway transport

### ADN

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user:	None known

### Transport in inland waterway vessel

Not evaluated

## Sea transport

### IMDG

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable
Special precautions for user	None known

## Air transport

### IATA/ICAO

	Not classified as a dangerous good under transport regulations
UN number:	Not applicable
UN proper shipping name:	Not applicable
Transport hazard class(es):	Not applicable
Packing group:	Not applicable
Environmental hazards:	Not applicable

---

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

Special precautions for user          None known

#### **14.1. UN number**

See corresponding entries for "UN number" for the respective regulations in the tables above.

#### **14.2. UN proper shipping name**

See corresponding entries for "UN proper shipping name" for the respective regulations in the tables above.

#### **14.3. Transport hazard class(es)**

See corresponding entries for "Transport hazard class(es)" for the respective regulations in the tables above.

#### **14.4. Packing group**

See corresponding entries for "Packing group" for the respective regulations in the tables above.

#### **14.5. Environmental hazards**

See corresponding entries for "Environmental hazards" for the respective regulations in the tables above.

#### **14.6. Special precautions for user**

See corresponding entries for "Special precautions for user" for the respective regulations in the tables above.

#### **14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code**

Regulation:	Not evaluated
Shipment approved:	Not evaluated
Pollution name:	Not evaluated
Pollution category:	Not evaluated
Ship Type:	Not evaluated

---

### **SECTION 15: Regulatory Information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Directive 2012/18/EU - Control of Major Accident Hazards involving dangerous substances (EU):  
Listed in above regulation: no

#### **15.2. Chemical Safety Assessment**

Chemical Safety Assessment not required

---

### **SECTION 16: Other Information**

Literature and Data Sources: REACH-Regulation (EC) No. 1907/2006. CLP-Regulation (EC) No. 1272/2008.

---

Chemetall (now part of BASF Group) Safety data sheet according to Regulation (EC) No. 1907/2006 as amended from time to time.

Date / Revised: 26.05.2021

Version: 2.2

Date previous version: 01.10.2020

Previous version: 2.1

Product: **AC Separol TN**

(ID no. 30691130/SDS\_GEN\_GB/EN)

Date of print 13.07.2021

### Abbreviations

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ADN = The European Agreement concerning the International Carriage of Dangerous Goods by Inland waterways. ATE = Acute Toxicity Estimates. CAO = Cargo Aircraft Only. CAS = Chemical Abstract Service. CLP = Classification, Labelling and Packaging of substances and mixtures. DIN = German national organization for standardization. DNEL = Derived No Effect Level. EC50 = Effective concentration median for 50% of the population. EC = European Community. EN = European Standards. IARC = International Agency for Research on Cancer. IATA = International Air Transport Association. IBC-Code = Intermediate Bulk Container code. IMDG = International Maritime Dangerous Goods Code. ISO = International Organization for Standardization. STEL = Short-Term Exposure Limit. LC50 = Lethal concentration median for 50% of the population. LD50 = Lethal dose median for 50% of the population. TLV = Threshold Limit Value. MARPOL = The International Convention for the Prevention of Pollution from Ships. NEN = Dutch Norm. NOEC = No Observed Effect Concentration. OEL = Occupational Exposure Limit. OECD = Organization for Economic Cooperation and Development. PBT = Persistent, Bioaccumulative and Toxic. PNEC = Predicted No Effect Level. PPM = Parts per million. RID = The European Agreement concerning the International Carriage of Dangerous Goods by Rail. TWA = Time Weight Average. UN-number = UN number at transport. vPvB = very Persistent and very Bioaccumulative.

The data contained in this safety data sheet are based on our current knowledge and experience and describe the product only with regard to safety requirements. This safety data sheet is neither a Certificate of Analysis (CoA) nor technical data sheet and shall not be mistaken for a specification agreement. Identified uses in this safety data sheet do neither represent an agreement on the corresponding contractual quality of the substance/mixture nor a contractually designated use. It is the responsibility of the recipient of the product to ensure any proprietary rights and existing laws and legislation are observed.

---

Vertical lines in the left hand margin indicate an amendment from the previous version.