



Productname : PLASTIK 70 **Creationdate :** 30.11.18 Version : 1.1
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Pressurised container: May burst if heated.
Classification is based on test data.
Health: Eye irritation, category 2
Causes serious eye irritation.
Specific target organ toxicity - single exposure, category 3
May cause drowsiness or dizziness.
Classification based on calculation method.
Environment: Not classified
Classification based on calculation method.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Product identifier: Contains:
n-butyl acetate
ethyl acetate

Hazard pictogram(s):  

Signal word: Danger

Hazard statement(s): H222 : Extremely flammable aerosol.
H229 : Pressurised container: May burst if heated.
H319 : Causes serious eye irritation.
H336 : May cause drowsiness or dizziness.

Precautionary statement(s): P102 : Keep out of reach of children.
P210 : Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P211 : Do not spray on an open flame or other ignition source.
P251 : Do not pierce or burn, even after use.
P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 : Use only outdoors or in a well-ventilated area.
P410/412 : Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501-2 : Dispose of contents/container to an authorised waste collection point.

Supplemental Hazard information: Repeated exposure may cause skin dryness or cracking.

2.3. Other hazards

No information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable.

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3.2. Mixtures

| Hazardous ingredient | Registration number | CAS-nr. | EC-nr | w/w % | Hazard Class and Category | Hazard statement | Notes |
|---|---------------------|------------|-----------|-------|---------------------------------------|------------------|-------|
| n-butyl acetate | 01-2119485493-29 | 123-86-4 | 204-658-1 | 25-50 | Flam. Liq. 3, STOT SE 3 | H226,H336 | |
| Hydrocarbons,C3-4-rich, petroleum distillate Petroleumgas (1,3-butadiene < 0.1%) | 01-2119485926-20 | 68512-91-4 | 270-990-9 | 25-50 | Press. Gas, Flam. Gas 1 | H280,H220 | K,G |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | 01-2119457435-35 | 107-98-2 | 203-539-1 | 10-25 | Flam. Liq. 3, STOT SE 3 | H226,H336 | A |
| ethyl acetate | 01-2119475103-46 | 141-78-6 | 205-500-4 | 10-25 | Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 | H225,H319,H336 | B |

Explanation notes

A : substance with Community workplace exposure limit
 B : substance with national established workplace exposure limit
 G : exempted from the obligation to register in accordance with art.2(7)of REACH Regulation No 1907/2006
 K : not classified as carcinogen, less than 0.1% w/w 1,3-butadiene (Einecs-nr. 203-450-8)

(* Explanation phrases : see chapter 16)

SECTION 4: First aid measures

4.1. Description of first aid measures

| | |
|----------------------------|---|
| Contact with eyes : | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. |
| Contact with skin : | Take off contaminated clothing and wash before reuse. IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. |
| Inhalation : | IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell. |
| Ingestion : | If swallowed accidentally, do not induce vomiting and seek medical advice. |

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

| | |
|-----------------------|---|
| Inhalation : | Excessive inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Ingestion : | May cause gastrointestinal disturbances Symptoms : sore throat, abdominal pain, nausea, vomiting |
| Skin contact : | May cause irritation. Symptoms : redness and pain |
| Eye contact : | Irritating to eyes Symptoms : redness and pain |

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



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General Advice : If you feel unwell, seek medical advice (show the label where possible)
If symptoms persist always call a doctor

SECTION 5: Firefighting measures

5.1. Extinguishing media

foam, carbon dioxide or dry agent

5.2. Special hazards arising from the substance or mixture

Aerosols may explode if heated above 50°C
Forms hazardous decomposition products
CO,CO2

5.3. Advice for firefighters

Keep container(s) exposed to fire cool, by spraying with water
In case of fire, do not breathe fumes

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Shut off all ignition sources
Ensure adequate ventilation
Wear suitable protective clothing and gloves.

6.2. Environmental precautions

Do not allow to enter public sewers and watercourses
If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities

6.3. Methods and material for containment and cleaning up

Absorb spillage in suitable inert material
Place in appropriate container

6.4. Reference to other sections

For further information see section 8

SECTION 7: Handling and storage



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7.1. Precautions for safe handling

Keep away from heat and sources of ignition
 Take precautionary measures against static discharges
 Equipment should be earthed
 Use explosion-proof electrical/ventilating/lighting/.../equipment.
 Use only non-sparking tools.
 Do not breathe aerosols or vapours.
 Ensure adequate ventilation
 Avoid contact with skin and eyes.
 Wash thoroughly after use
 Wear protective gloves/protective clothing/eye protection/face protection.
 Eyewash bottles should be available

7.2. Conditions for safe storage, including any incompatibilities

Pressurized container : protect from sunlight and do not expose to temperatures exceeding 50°C.
 Keep out of reach of children.

7.3. Specific end use(s)

Anti Corrosion Products

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits :

| Hazardous ingredient | CAS-nr. | method | |
|---|----------|--------|---------|
| EU established exposure limits: | | | |
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | 107-98-2 | TWA | 100 ppm |
| | | STEL | 150 ppm |
| ethyl acetate | 141-78-6 | TWA | 200 ppm |
| | | STEL | 400 ppm |

8.2. Exposure controls

Control procedures : Ensure adequate ventilation
 Keep away from heat and sources of ignition
 Take precautionary measures against static discharges

Personal protection : Take precautions to avoid contact with skin and eyes when handling the product.
 Ensure adequate ventilation
 Wear suitable protective gloves

inhalation : In case of insufficient ventilation, wear suitable respiratory equipment.



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recommended respiratory protection: Air purifying respirator equipped with organic gas/vapor cartridge (type A)

hands and skin : When handling the product wear chemical-resistant gloves (standard EN 374).
The breakthrough time of the glove should be longer than the total duration of product use. If work lasts longer than the breakthrough time, gloves should be changed part-way through.

Recommended gloves: (polyvinylalcohol)

eyes : Wear safety eyewear according to EN 166.

Environmental protection: Avoid release to the environment.
Collect spillage.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

(for aerosols data for the product without propellant)

Apperance : physical state : Propane/butane propelled liquid.
colour : Colorless.
odour : Solvent.
pH : Not applicable.
Boiling point/range : Not available.
Flash point : - 4 °C (Closed Cup)
Evaporation rate : Not available.
Explosion limits : upper limit : Not available.
lower limit : Not available.
Vapour pressure : Not available.
Relative density : 0.919 g/cm³ (@ 20°C).
Solubility in water : Insoluble in water
Auto-ignition : > 200 °C
Viscosity : Not available.

9.2. Other information

VOC = volatile organic compounds 700 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No hazardous reactions known if used for its intended purpose

10.2. Chemical stability

Stable



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10.3. Possibility of hazardous reactions

No hazardous reactions known if used for its intended purpose

10.4. Conditions to avoid

Avoid overheating

10.5. Incompatible materials

Strong oxidising agent

10.6. Hazardous decomposition products

CO,CO2

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|---|---|
| acute toxicity: | based on available data the classification criteria are not met |
| skin corrosion/irritation: | based on available data the classification criteria are not met |
| serious eye damage/irritation: | Causes serious eye irritation. |
| respiratory or skin sensitisation: | based on available data the classification criteria are not met |
| germ cell mutagenicity: | based on available data the classification criteria are not met |
| carcinogenicity: | based on available data the classification criteria are not met |
| toxicity for reproduction: | based on available data the classification criteria are not met |
| STOT-single exposure: | May cause drowsiness or dizziness. |
| STOT repeated exposure: | based on available data the classification criteria are not met |
| aspiration hazard: | based on available data the classification criteria are not met |

Information on likely routes of exposure:

| | |
|-----------------------|--|
| Inhalation : | Inhalation of solvent vapours may give rise to nausea, headaches and dizziness |
| Ingestion : | May cause gastrointestinal disturbances |
| Skin contact : | May cause irritation. |
| Eye contact : | Irritating to eyes |

Toxicological data :

| Hazardous ingredient | CAS-nr. | method | |
|---|----------|-----------------|------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | 107-98-2 | LD50 oral rat | 4016 mg/kg |
| | | LC50 inhal.rat | 27596 mg/l |
| | | LD50 derm.rabit | 2000 mg/kg |



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| | | | |
|-----------------|----------|-----------------|---------------|
| n-butyl acetate | 123-86-4 | LD50 oral rat | 10760 mg/kg |
| | | LC50 inhal.rat | > 20 mg/l |
| | | LD50 derm.rabit | > 1400 mg/kg |
| ethyl acetate | 141-78-6 | LD50 oral rat | 5620 mg/kg |
| | | LC50 inhal.rat | 30 mg/l |
| | | LD50 derm.rabit | > 20000 mg/kg |

SECTION 12: Ecological information

12.1. Toxicity

Not classified

Ecotoxicological data:

| Hazardous ingredient | CAS-nr. | method | |
|---|----------|--------------|------------|
| 1-methoxy-2-propanol; monopropylene glycol methyl ether | 107-98-2 | LC50 fish | 6812 mg/l |
| | | EC50 daphnia | 23300 mg/l |
| n-butyl acetate | 123-86-4 | IC50 algae | 647 mg/l |
| | | LC50 fish | 18 mg/l |
| | | EC50 daphnia | 44 mg/l |
| ethyl acetate | 141-78-6 | IC50 algae | 5600 mg/l |
| | | LC50 fish | 230 mg/l |
| | | EC50 daphnia | 610 mg/l |

12.2. Persistence and degradability

No experimental data available

12.3. Bioaccumulative potential

No experimental data available

12.4. Mobility in soil

Insoluble in water

12.5. Results of PBT and vPvB assessment

No information available

12.6. Other adverse effects

No experimental data available



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SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product : This material and its container must be disposed of in a safe way. Do not discharge into drains or the environment, dispose to an authorised waste collection point.

National regulations : Disposal should be in accordance with local, state or national legislation

SECTION 14: Transport information

14.1. UN number

UN-number : 1950

14.2. UN proper shipping name

Proper shipping name: AEROSOLS

14.3. Transport hazard class(es)

Class: 2.1
ADR/RID - Classification code: 5F

14.4. Packing group

Packing group: Not applicable.

14.5. Environmental hazards

ADR/RID - Environmentally hazardous: No
IMDG - Marine pollutant: No
IATA/ICAO - Environmentally hazardous: No

14.6. Special precautions for user

ADR/RID - Tunnelcode: (D)
IMDG - Ems: F-D, S-U
IATA/ICAO - PAX: 203
IATA/ICAO - CAO: 203

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

Not applicable.



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SECTION 15: Regulatory information

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

The Safety Data Sheet is compiled according to the current European requirements.
Regulation (EC) No 1907/2006 (REACH)
Regulation (EC) No 1272/2008 (CLP)
Dir. 2013/10/EU, 2008/47/EC amendment of the aerosol dispenser directive 75/324/EEC.

15.2. Chemical safety assessment

No information available

SECTION 16: Other information

*Explanation hazard statements: H220 : Extremely flammable gas.
H225 : Highly flammable liquid and vapour.
H226 : Flammable liquid and vapour.
H280 : Contains gas under pressure; may explode if heated.
H319 : Causes serious eye irritation.
H336 : May cause drowsiness or dizziness.

acronyms and synonyms: TWA = time weight average
STEL = short time exposure limit
VOC = volatile organic compounds
PBT = persistent bioaccumulative toxic
vPvB = very persistent very bioaccumulative

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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