

Revision date: 15-May-2019 Version: 1.0.0.0. Print date: 18-May-2019

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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

1.1. Product identifier

Trade name/designation:

Top Coat

Article No.:

AP60

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

Use of the substance/mixture:

Wood painting

1.3. Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor):

American Paint Company

FunkedUP Distribution

PO Box 2025

Pincher Creek, AB TOK1W0

Canada

Telephone: (855)386-5338

E-mail: orders@fudwholesale.com

1.4. Emergency telephone number

During Business Hours Mo-Fr 9-5 MST (855)386-5338

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

According to EC directives or the corresponding national regulations the product does not have to be labelled.

Hazard statements: -

Supplemental Hazard information (EU)

EUH208	Contains 1,2-benzisothiazol-3(2H)-one2-methyl-2H-isothiazol-3-one (not breathable); 1,2-benzisothiazol-3 (2H) -one. May produce an allergic reaction.
--------	---

Precautionary statements: -

2.3. Other hazards

No data available

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Hazardous ingredients / Hazardous impurities / Stabilisers:

product identifiers	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	Concentration
CAS No.: 6846-50-0 EC No.: 229-934-9 REACH No.: 01-2119451093-47-0001	1-isopropyl-2,2-dimethyltrimethylene diisobutyrate Aquatic Chronic 3 H412	1 - ≤ 2.5 Wt %

Full text of H- and EUH-phrases: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information:

When in doubt or if symptoms are observed, get medical advice.

Revision date: 15-May-2019 Version: 1.0.0.0. Print date: 18-May-2019

Following inhalation:

Provide fresh air.

In case of skin contact:

After contact with skin, wash immediately with plenty of water and soap. Do not wash with: Solvents/Thinner .

After eye contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion:

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a physician immediately.

Self-protection of the first aider:

No special measures are necessary.

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

No known symptoms to date.

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media:

Water mist, Dry extinguishing powder, Carbon dioxide (CO₂) , Extinguishing powder

Unsuitable extinguishing media:

Full water jet

5.2. Special hazards arising from the substance or mixture

Possible in traces: In case of fire may be liberated: Hazardous decomposition products : Carbon dioxide , Carbon monoxide .

Hazardous combustion products:

No information available.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

5.4. Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Personal precautions:

Special danger of slipping by leaking/spilling product.

Protective equipment:

Wear suitable protective clothing and eye/face protection.

Emergency procedures:

No special measures are necessary.

6.1.2. For emergency responders

Personal protection equipment:

Personal protection equipment: see section 8

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

For cleaning up:

Clear contaminated areas thoroughly. Wash with plenty of water.

Other information:

Retain contaminated washing water and dispose it.

6.4. Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

Revision date: 15-May-2019 Version: 1.0.0.0. Print date: 18-May-2019

6.5. Additional information

Clear spills immediately.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Protective measures

Advices on safe handling:

When using do not eat, drink or smoke. Wear personal protection equipment (refer to section 8).

Measures to prevent aerosol and dust generation:

not relevant

Environmental precautions:

Keep container tightly closed. Keep only in the original container in a cool, well-ventilated place.

Advices on general occupational hygiene

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500. Wash hands before breaks and after work. When using do not eat, drink or smoke. Avoid contact with eyes and skin.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

The product is stable under storage at normal ambient temperatures. Protect against: Frost Keep container tightly closed in a cool, well-ventilated place.

Packaging materials:

Keep/Store only in original container.

Requirements for storage rooms and vessels:

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

Hints on storage assembly:

not relevant

Storage class: 12 - non-combustible liquids that cannot be assigned to any of the above storage classes

7.3. Specific end use(s)

Recommendation:

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1. Occupational exposure limit values

No data available

8.1.2. Biological limit values

No data available

8.1.3. DNEL-/PNEC-values

Substance name	DNEL value	① DNEL type ② Exposure route
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	110 mg/m ³	① DNEL worker ② DNEL long-term inhalative (systemic)
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	32.6 mg/m ³	① DNEL Consumer ② DNEL long-term inhalative (systemic)
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	31.2 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	18.8 mg/kg bw/day	① DNEL worker ② DNEL long-term dermal (systemic)
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	18.8 mg/kg bw/day	① DNEL worker ② DNEL long-term oral (repeated)

Revision date: 15-May-2019 Version: 1.0.0.0. Print date: 18-May-2019

Substance name	PNEC Value	① PNEC type
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	0.014 mg/l	① PNEC aquatic, freshwater
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	0.0014 mg/l	① PNEC aquatic, marine water
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	5.29 mg/kg	① PNEC sediment, freshwater
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate CAS No.: 6846-50-0	0.529 mg/kg	① PNEC sediment, marine water

8.2. Exposure controls

8.2.1. Appropriate engineering controls

When using do not eat, drink or smoke. Wash hands before breaks and after work.

8.2.2. Personal protection equipment

Eye/face protection:

Eye glasses Eye glasses with side protection DIN EN 166

Skin protection:

Hand protection, Butyl caoutchouc (butyl rubber) , NBR (Nitrile rubber) . Permeation time (maximum wear time) >8h. See information supplied by the manufacturer. In the case of wanting to use the gloves again, clean them before taking off and air them well. Tested protective gloves must be worn EN ISO 374 Suitable material: Breakthrough time (maximum wearing time) min Breakthrough times and swelling properties of the material must be taken into consideration.

Respiratory protection:

Usually no personal respiratory protection necessary.

Thermal hazards:

See chapter 7. No additional measures necessary.

Other protection measures:

Provide adequate ventilation.

8.2.3. Environmental exposure controls

The following substances may cause allergic reactions: 1,2-Benzisothiazol-3(2H)-on; 2-Methyl-2H-isothiazol-3-on.

8.3. Additional information

Avoid contact with eyes and skin. When using do not eat, drink or smoke. Wash hands before breaks and after work.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical state: Liquid

Colour: colourless

Odour: odourless

Safety relevant basis data

parameter		at °C	Method	Remark
pH	8	20 °C		
Melting point	<i>not determined</i>			
Freezing point	<i>not determined</i>			
Initial boiling point and boiling range	100 °C			
Decomposition temperature	<i>not determined</i>			
Flash point	<i>not determined</i>			
Evaporation rate	<i>not determined</i>			
Auto-ignition temperature	<i>not determined</i>			
Upper/lower flammability or explosive limits	<i>not determined</i>			
Vapour pressure	23 hPa			
Vapour density	<i>not determined</i>			
Density	1.04 g/cm ³			
Bulk density	<i>not determined</i>			

Revision date: 15-May-2019 Version: 1.0.0.0. Print date: 18-May-2019

parameter		at °C	Method	Remark
Water solubility	<i>not determined</i>			
Partition coefficient: n-octanol/ water	<i>not determined</i>			
Dynamic viscosity	1,800 mPa*s			
Kinematic viscosity	<i>not determined</i>			

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

Frost , Heat . Protect against direct sunlight.

10.5. Incompatible materials

No information available.

10.6. Hazardous decomposition products

Possible in traces: In case of fire may be liberated: Hazardous decomposition products : Carbon dioxide , Carbon monoxide .

SECTION 11: Toxicological information

11.1. Information on toxicological effects

CAS No.	Substance name	Toxicological information
6846-50-0	1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	LD₅₀ oral: 2,000 mg/kg (Rat) OECD 425 LD₅₀ dermal: 2,000 mg/kg (Rabbit) OECD 402

Acute oral toxicity:

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

Acute dermal toxicity:

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

Acute inhalation 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:

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

Respiratory or skin sensitisation:

Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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:

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

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.

Additional information:

No data available

Revision date: 15-May-2019 Version: 1.0.0.0. Print date: 18-May-2019

SECTION 12: Ecological information

12.1. Toxicity

CAS No.	Substance name	Toxicological information
6846-50-0	1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	LC₅₀ : >6 mg/l 4 d (Lepomis macrochirus (Bluegill)) EC₅₀ : >1.46 mg/l 2 d (Daphnia magna (Big water flea)) ErC₅₀ : >7.49 mg/l 3 d (Pseudokirchneriella subcapitata) NOEC : 0.7 mg/l 21 d (Daphnia magna (Big water flea))

12.2. Persistence and degradability

CAS No.	Substance name	Biodegradation	Remark
6846-50-0	1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	Yes, rapidly	

12.3. Bioaccumulative potential

CAS No.	Substance name	Log K _{OW}	Bioconcentration factor (BCF)
6846-50-0	1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	4.49	2.69

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

CAS No.	Substance name	Results of PBT and vPvB assessment
6846-50-0	1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not allow to enter into surface water or drains. Recycle according to official regulations.

13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product:

08 01 12	waste paint and varnish other than those mentioned in 08 01 11
----------	--

Waste treatment options

Appropriate disposal / Product:

Dispose of waste according to applicable legislation. Consult the appropriate local waste disposal expert about waste disposal.

Appropriate disposal / Package:

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

Land transport (ADR/RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1. UN-No.			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.2. UN proper shipping name			
No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.	No dangerous good in sense of these transport regulations.
14.3. Transport hazard class(es)			
not relevant			

Revision date: 15-May-2019 Version: 1.0.0.0. Print date: 18-May-2019

Land transport (ADR/ RID)	Inland waterway craft (ADN)	Sea transport (IMDG)	Air transport (ICAO- TI / IATA-DGR)
14.4. Packing group			
not relevant			
14.5. Environmental hazards			
not relevant			
14.6. Special precautions for user			
not relevant			

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
 not relevant

SECTION 15: Regulatory information

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

15.1.1. EU legislation

Authorisations:

This product meets the requirements of Regulation (EC) No. 1935/2004 on the limitation of VOC content.
 VOC-value (in g/L): 0,01
 VOC product category: e
 type : wb
 VOC limit value: 130 g/l

15.1.2. National regulations

No data available

15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

SECTION 16: Other information

16.1. Indication of changes

* Data changed compared with the previous version

16.2. Abbreviations and acronyms

See overview table at www.euphrac.eu

16.3. Key literature references and sources for data

No data available

16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

Classification according to Regulation (EC) No 1272/2008 [CLP]:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

16.5. Relevant R-, H- and EUH-phrases (Number and full text)

Hazard statements	
H412	Harmful to aquatic life with long lasting effects.

16.6. Training advice

No data available

16.7. Additional information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.