



Intaglio Printmaker Stop Out Varnish

SAFETY DATA SHEET

according to Regulation (EU) 2020/878

Creation date: 30.01.2026

Revised on:

Version: 1.0

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier:

Trade name/designation:

A6000 Asphalt Varnish

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

Use of the substance/mixture:

Acid-resistant, bitumen-based protective varnish for etching copper.

All uses not mentioned are advised against.

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

Supplier:

Intaglio Printmaker Ltd

9 Playhouse Court

62 Southwark Bridge Road

London

SE10AT

United Kingdom

info@intaglioprintmaker.com

Phone: 02079282633

SECTION 2: POTENTIAL HAZARDS

2.1. Classification of the substance or mixture: Classification according to Regulation (EC) No 1272/2008 [CLP]

Hazard classes and hazard categories	Hazard statements	Classification procedure
flammable liquids	H226: Flammable liquid and vapour.	Based on test data.

Specific target organ toxicity – single exposure (STOT SE 3)	H336: May cause drowsiness and dizziness.	Calculation method
Hazardous to the aquatic environment (Aquatic Chronic 3)	H412: Harmful to aquatic life with long-lasting effects.	Calculation method

2.2. Label elements: Labelling according to Regulation (EC) No 1272/2008 [CLP]
Hazard pictograms:



GHS02 Flame/ GHS07 Exclamation mark

Signal word: Warning

Hazard-determining components for labelling:

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics;
Hydrocarbons, C9, aromatics

Hazard statements for physical hazards	H226 Flammable liquid and vapour.
Hazard statements for health hazards	H336 May cause drowsiness or dizziness.
Hazard statements for environmental hazards	H412 Harmful to aquatic life with long-lasting effects.

Supplemental hazard characteristics	EUH066 Repeated exposure may cause skin dryness or cracking.
Safety Instructions	P102 Keep out of reach of children.
Safety and Prevention Guidelines	P261 Avoid breathing dust/fume/gas/mist/vapour/aerosol. P271 Use only outdoors or in a well-ventilated area.
Safety Instructions: Reaction	P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor. P331 Do NOT induce vomiting.
Storage Safety Instructions	P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

Additional information:

Use only in well-ventilated areas.

2.3. Other hazards:

No data available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures:

Hazardous ingredients / Hazardous impurities / Stabilizers:

The product identifier	Substance name Classification according to Regulation (EC) No 1272/2008 [CLP]	concentration
CAS-Nr.: 8052-42-4 EG-Nr.: 232-490-9 REACH-Nr.: 01-2119480172-44-XXXX	Bitumen The substance is classified as non-hazardous within the meaning of Regulation (EC) No 1272/2008 [CLP].	38 – < 70 Weight %
CAS-Nr.: 64742-48-9 EG-Nr.: 919-857-5	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2%	19 – < 35 Weight %

REACH-Nr.: 01-2119463258-33-XXXX	aromatics Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), STOT SE 3 (H336)	
CAS-Nr.: 64742-95-6 EG-Nr.: 918-668-5 REACH-Nr.: 01-2119455851-35	Hydrocarbons, C9, aromatics Aquatic Chronic 2 (H411), Asp. Tox. 1 (H304), Flam. Liq. 3 (H226), STOT SE 3 (H335, H336)	4 – < 8 Weight %

Wording of H- and EUH-statements: see Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information:

In case of accident or if you feel unwell, seek medical advice immediately (show the operating instructions or safety data sheet if possible). Remove the victim from the danger zone. Remove contaminated, soaked clothing. In case of unconsciousness but with breathing present, place in the recovery position and seek medical advice. Do not leave the affected person unattended.

After inhalation:

Ensure supply of fresh air. Consult a doctor in case of respiratory irritation.

After skin contact:

Immediately remove all contaminated clothing. In case of contact with skin, wash immediately with plenty of water and soap. If skin irritation occurs: Get medical advice/attention.

After eye contact:

In case of eye contact, rinse eyes thoroughly with water while keeping eyelids open, then immediately consult an ophthalmologist.

After ingestion:

Rinse mouth. Do not give anything to eat or drink. If you feel unwell, seek medical advice/attention.

Self-protection of the first aider:

Use personal protective equipment.

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

Respiratory irritation, drowsiness, dizziness; prolonged or repeated contact with skin or

mucous membranes leads to irritation symptoms such as redness, blistering, dermatitis, etc.

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

Symptomatic treatment.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media:

Dry powder, carbon dioxide (CO₂), foam

Unsuitable extinguishing media:

Water jet

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products:

Heavy soot formation during combustion. Carbon monoxide, nitrogen oxides (NO_x).

In case of fire: toxic gases/vapours.

5.3. Advice for firefighters

Wear self-contained breathing apparatus and chemical protective suit.

5.4. Additional information

Collect contaminated extinguishing water separately. Do not allow to enter drains or watercourses.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures:

6.1.1. For non-emergency personnel:

Personal precautions:

Move persons to safety. Avoid contact with skin, eyes, and clothing.

Protective equipment:

Wear protective gloves/protective clothing/eye protection/face protection.

Emergency plans:

Move persons to safety. Ensure adequate ventilation. Remove all sources of ignition.

6.1.2. Emergency responders

Personal protective equipment:

Personal protective equipment: see Section 8.

6.2. Environmental precautions

Do not allow to enter drains or watercourses. Do not allow to enter the subsoil/soil.

6.3. Methods and material for containment and cleaning up

For containment:

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder). Treat the absorbed material in accordance with the disposal section.

6.4. Reference to other sections

Safe handling: see Section 7. Personal protective equipment: see Section 8.

Disposal:

see Section 13.

6.5. Additional information

Use appropriate containers to prevent environmental contamination.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Protective measures

Advice on safe handling:

Wear personal protective equipment (see Section 8).

Fire protection measures:

Not recommended for large-scale indoor use. Vapours can form explosive mixtures with air.

Measures to prevent aerosol and dust formation:

Ensure adequate ventilation and local exhaust ventilation at critical points.

General industrial hygiene measures

Minimum standards for protective measures when handling hazardous substances are listed in TRGS 500.

Do not eat, drink, smoke, or use tobacco products at the workplace. Avoid contact with skin, eyes, and clothing.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:

Keep container tightly closed and store in a cool, well-ventilated place. Protect from sunlight.

Advice on common storage:

Do not store together with: oxidizing agents, strong...

Storage class (TRGS 510, Germany): 3 – Flammable liquids

7.3. Specific end uses

Bituminous compounds, low-aromatic, high-solvent content

GISCODE:

BBP30

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters:

8.1.1. Occupational exposure limit values

limit value type (country of origin)	name	Long term workplace exposure limit/ short term workplace exposure limit/ value/ observation methods/ remark
TRGS 900 DE ab 13.03.2020	Bitumen CAS – Nr: 8052-42-4 Eg-Nr: 2324909	1/5 mg/m3 3 mg/m3 aerosol and vapour DFG H 11 33 34
TRGS 900 DE ab 30.11.2017	Hydrocarbons, C9, aromatics CAS-Nr : 64742-95-6 EG-Nr : 918-668-5	50 mg/m3 100 mg/m3 C9-C14 aromatics
TRGS 900 DE	Hydrocarbons TRGS 900	300 mg/m3 Mass friction (won-%) 32,87696

8.1.2. Biological limit values

No data available

8.2. Exposure controls and monitoring:

8.2.1. Appropriate engineering controls

No special technical protective measures are required.

8.2.2. Individual protection measures, such as personal protective equipment:



Eye/face protection:

Safety glasses with side shields (DIN EN 166)

Skin protection:

Certified protective gloves must be worn (EN ISO 374). Suitable material: NBR (nitrile rubber); glove material thickness: 0.4 mm; breakthrough time: 480 min. Suitable material: FKM (fluororubber); glove material thickness: 0.7 mm; breakthrough time: 480 min. Replace if worn!

If reuse is intended, clean the gloves before removing them and store them in a well-ventilated area.

Consider breakthrough times and material swelling properties.

Respiratory protection:

Do not use the product in areas with inadequate ventilation, or wear a protective mask with an appropriate gas filter

(Type A1 according to EN 14387).

Other protective measures:

Spraying process: disposable suit

8.2.3. Limitation and monitoring of environmental exposure

Do not allow to enter the sewer system or bodies of water.

8.3. Additional information

See technical data sheet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties:

Appearance

Physical state: Liquid

Color: Black

Odor: Gasoline-like

Basic safety-related data

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Flammable liquid and vapour.

10.2. Chemical stability

The product is stable under normal ambient storage conditions.

10.3. Possibility of hazardous reactions

Formation of explosive/highly flammable vapour-air mixtures is possible during use.

10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

10.5. Incompatible materials

Strong oxidizing agents

10.6. Hazardous decomposition products

Does not decompose when used as intended.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008:

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:

Repeated exposure may cause skin dryness or cracking.

Serious eye damage/eye irritation:

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

Respiratory or skin sensitization:

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.

Reproductive toxicity:

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

Specific target organ toxicity – single exposure:

May cause drowsiness or dizziness.

Specific target organ toxicity – 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.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Aquatic toxicity:

Harmful to aquatic life with long-lasting effects.

12.2. Mobility in soil:

No data available

12.3. Endocrine disrupting properties:

No data available

12.4. Other adverse effects:

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods:

Dispose of in accordance with official regulations.

13.1.1. Information regarding product disposal:

Waste code/waste designations according to EAK/AVV

Product waste code

08 04 09 * Waste adhesives and sealants containing organic solvents or other hazardous substances

*: Disposal is subject to mandatory documentation.

13.1.2. Information regarding packaging disposal:

Packaging waste code

08 04 09 * Waste adhesives and sealants containing organic solvents or other hazardous substances

*: Disposal is subject to mandatory documentation.

Waste treatment solutions

Proper disposal / product:

Contact the competent, authorized waste disposal company regarding waste disposal.

Proper disposal / packaging:

Completely emptied packaging can be sent for recycling.

13.1.3. Physical/chemical properties that may affect waste treatment methods:

No data available

13.1.4. Disposal via wastewater:

Disposal via wastewater is not permitted

13.1.5. Special precautions for recommended waste treatment:

No data available

SECTION 14: TRANSPORT INFORMATION

Road/Rail Transport (ADR/RID) Inland Waterway Transport (ADN)

14.1. UN number or ID number:

UN 1210

14.2. UN proper shipping name:

FLAMMABLE LIQUID, N.O.S.

(Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, <2% aromatics; Hydrocarbons, C9, aromatics)

14.3. Transport hazard class(es):



3

14.4. Packing group:

III

14.5. Environmental hazards:

No data available

14.6. Special precautions for user:

Hazard No. (Kemler code):

30

Classification code:

F1

Road/Rail transport (ADR/RID)

Tunnel restriction code:

(D/E)

14.7. Transport in bulk according to IMO instruments:

No data available

SECTION 15: REGULATORY INFORMATION

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

15.1.1. EU regulations

Other EU regulations:

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council

Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. 2. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union L 353 of 31 December 2008, as amended)

3. Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC)

No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended.

4. Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC (Official Journal of the EU L 81 of 31 March 2016, p. 51).

15.1.2. National regulations

[DE] National regulations

Ordinance on Industrial Safety and Health (BetrSichV) flammable

Technical Instructions on Air Quality Control (TA-Luft)

Class 1:

III

Water hazard class

WGK:

2 - significantly hazardous to water

Description:

significantly hazardous to water

Technical Rules for Hazardous Substances

TRGS 500, TRGS 510

Other regulations, restrictions, and prohibition ordinances

Directive 2004/42/EC on the limitation of emissions of VOCs from paints and varnishes

VOC value < 350

15.2. Chemical safety assessment:

A chemical safety assessment has not been carried out – it is not required for the mixture.

SECTION 16: OTHER INFORMATION

16.1. Changes

No changes

16.2. Abbreviations

ACGIH American Conference of Governmental Industrial Hygienists

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging

DIN German Institute for Standardization / German Industrial Standard

DNEL Derived No-Effect Level
EC50 Effective Concentration 50%
ECHA European Chemicals Agency
EN European Standard
ES Exposure scenario
EWC European Waste Catalogue
IMO International Maritime Organization
ISO International Organization for Standardization
bw Body weight
LC50 Lethal Concentration 50%
LD50 Lethal Dose 50%
MAK Maximum Workplace Concentration (CH)
NFPA National Fire Protection Association
NIOSH National Institute for Occupational Safety and Health
NOEC No Observed Effect Concentration
OECD Organisation for Economic Co-operation and Development
OSHA Occupational Safety and Health Administration
PBT Persistent, Bioaccumulative and Toxic
PNEC Predicted No-Effect Concentration
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals
RID Regulations concerning the International Carriage of Dangerous Goods by Rail
TRGS Technical Rules for Hazardous Substances
UN United Nations
VOC Volatile Organic Compounds
CNS Central Nervous System
16.3. Key literature references and sources of data
Classification according to Regulation (EC) No 1272/2008 [CLP]
16.4. Additional information
Observe instructions for use on the label.