

PRODUCT NAME: ABRO Acrylic Sealant Black
PRODUCT NUMBER/SIZE: AS-600

Revision Date: 5/12/15

SECTION 1 Identification of the Substance and of the Company/Undertaking

MANUFACTURER'S NAME: ABRO INDUSTRIES, INC.
ADDRESS: 3580 Blackthorn Drive
South Bend, IN 46628
PRODUCT DESCRIPTION: Acrylic Sealant
COMPANY PHONE: 574-232-8289
EMERGENCY 24-HR TELEPHONE: Chemtrec 800-424-9300/703-527-3887

SECTION 2 Hazards Identification

Classification:

Target Organ Toxicity (Repeated exposure), Category 2

Label Pictogram(s):



Signal Word: **WARNING**

Hazard Phrases: May cause damage to organs through prolonged or repeated exposure.

Precautionary Phrases: Do not breathe dust/fume/gas/mist/vapours/spray.

Response: Get medical advice/attention if you feel unwell.

Storage / Disposal: Dispose of contents/container according to local, regional, national, and international regulations.

Other: Keep out of reach of children.

SECTION 3 Composition/Information on Ingredients

COMPONENTS	CAS Number	EINECS/ ELINCS	Hazard Symbol	R phrases	Percent by weight
Solvent refined middle distillate (petroleum)	64741-91-9	265-093-4	Carc. Cat. 2; T	R: 45	<0.1
2-Butoxyethanol	111-76-2	203-905-0	Xn	R: 20/21/22- 36/38	<25
Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1);	55965-84-9		T; C; N;	R: 23/24/25- 34-43- 50/53	<0.001
Sodium Acrylate	7446-81-3	231-209-7	Xi	R 36/38: R 22:	<1
Sodium 2-(2-dodecyloxyethoxy)ethyl sulphate	3088-31-1	221-416-0	Xi	R 36/38: R 22:	<1
Ammonia	1336-21-6	215-647-6	C; N;	C; N R: 34-50	<1
Chloroalkanes C14-17	85535-85-9	287-477-0	N	R: 34-50	<10
Ethane-1,2-diol	107-21-1	203-473-3	Xn	R22	<1

SECTION 4 First Aid Measures

In case of eye contact:

Hold the eyes open and rinse with preferably lukewarm water for a sufficiently long period of time (at least 10 minutes). Seek medical advice.

In case of skin contact:

Wipe off. Wash affected areas with soap and plenty of water. If irritation persists, seek medical advice.

If swallowed:

Do not induce the patient to vomit. Rinse mouth. Give victim two glasses of water. Never give anything by mouth to an unconscious person. Seek medical advice.

If inhaled:

Take the person into the fresh air. Seek medical advice.

SECTION 5 Fire Fighting Measures

Special protective equipment/procedures:

A self-contained respirator and protective clothing should be worn.

Mask and chemical resistant personal protective equipment should be used.

Determine the need to evacuate or isolate the area according to your local emergency plan.

Hazards during firefighting:

Not known.

Suitable extinguishing media:

Foam, dry chemical or carbon dioxide can be used.

Unsuitable extinguishing media:
Not known.

Hazards combustion products:
Not known.

SECTION 6 Accidental Release Measures

Spill / Leak:
Avoid contact with.
Ventilate the area with fresh air.
Stop the leak if there is no risk.

Personal precautions:
Use personal protective equipment (protective gloves, work clothes and glasses)
Provide adequate ventilation.

Methods for cleaning up:
Large spills must be pumped containers, covered with absorbent material.
Small spills are cleaned with water, used water is discarded.

Environment related measures:
Prevent the spilled material to leak and contact with garbage, canals and sewage
If the product has caused environmental pollution (sewers, waterways, soil or air), inform the relevant authorities.

SECTION 7 Handling and Storage

Usage:
Avoid contact with eyes and skin.
Wear appropriate personal protective equipment.
Ensure good ventilation.
Keep in original container, tightly close the container used.
Do not apply the product in rainy weather.

Storage:
Store in accordance with local regulations.
Keep container tightly closed.
Store in a cool, dry place. (Between +5°C +28°C)
Keep out of freezing.

SECTION 8 Exposure Controls/Personal Protection

Engineering Controls:
Use general dilution ventilation and/or local exhaust ventilation.
If ventilation is not adequate, use respiratory protection equipment.

Personal Protection Equipment
Eyes: Avoid eye contact. Safety goggles should be worn.
Skin: Avoid skin contact.
Chemical resistant gloves should be worn.

Respiratory: Avoid breathing of vapors. Respiratory protection should be used. In case of long-term Interactions, fresh air mask should be used.

Hygiene Measures:

Avoid contact with eyes.

Especially in confined places, make sure you have proper ventilation.

Follow good industrial hygiene and safety practice.

Especially before eating, drinking or smoking, wash hands.

Environmental exposure controls:

Refer to section 6 and 12.

SECTION 9 Physical and Chemical Properties

Appearance:	Paste
Odour:	Characteristic
Color:	White, Black, Bronze

Important Health, Safety and Environmental Information:

Specific Gravity:	1.64 ± 0.03 gr/cm ³
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Decomposition Temperature:	147° C
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Water Solubility:	Soluble
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SECTION 10 Stability and Reactivity

Chemical Stability:

Stable under normal usage conditions.

The polymer begins to spoil on temperatures of 147° C.

Materials to avoid:

Unknown.

Hazardous Polymerization:

Unknown.

Hazardous Decomposition Substances:

Acrylic monomers are released with thermal degradation.

SECTION 11 Toxicological Information

In case of Inhalation:

May cause irritation.

In case of eye contact:

May cause eye irritation.

In case of skin contact:

Repeated contact can cause allergic reactions.

In case of ingestion:

May cause mouth, throat and stomach irritation.

Other Information:
Fully cured sealant (at least 24 hours) is not toxic or irritating.

SECTION 12 Ecological Information

General: Not determined

SECTION 13 Disposal Considerations

Product Disposal:
Dispose of in accordance with local regulations.

Dispose of in accordance with local regulations.
Packing Disposal:

SECTION 14 Transport Information

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

U.S. DOT UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

IMO/MDG UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

ICAO/IATA UN/ID Number: Not Regulated
Proper shipping name:
Hazard Class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Canada (TDG) UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

Europe (ADR/RID) UN/ID Number: Not Regulated
Proper shipping name:
Hazard class:
Packing Group:
Exceptions:
Environmental Hazards:
Transport in Bulk:
Special Precautions:

SECTION 15 Regulatory Information

Contains:

- Solventrefined middle distillate (petroleum)
- 2-Butoxyethanol
- mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H - isothiazol-3-one [EC no. 220-239-6] (3:1);
- Sodium Acrylate
- sodium 2-(2-dodecyloxyethoxy)ethyl sulphate
- ammonia
- Chlorinated Paraffin
- Ethane-1,2-diol

R-Phrases:

R64: May cause harm to breast-fed babies

S- Phrases:

S36/37: Wear suitable protective clothing and gloves.

S61: Avoid release to the environment.

Refer to special instructions/safety data sheet

National Legislation/Regulations:

COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH)

SECTION 16 Other Information

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and

disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon, information contained herein.

This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.

ABBREVIATIONS:

NG="NOT GIVEN"

BT="BETWEEN"

<="LESS THAN"

>="GREATER THAN"

ND = Not Determined

NA = Not Applicable