

1. Identification of the product and of the company/undertaking

1.1 Product Identifier: Rubberized abrasive blocks.

1.2 Use of the product: Ideal for removing bluing of welds, light scratches and corrosion on a wide spectrum of materials.

1.3 Details of the supplier of the SDS:

Company: ATA Tools Inc.
 Address: 7 Ascot Parkway, Cuyahoga Falls, OH 44223 USA
 Telephone: +1 330-928-7744
 Fax: +1 330-849-2977
 Web: www.ATAGroup.co

2. Hazards Identification

2.1 Classification: Not hazardous as sold.

Abrasive blocks are inert products which do not pose any exposure hazard when handled or stored.

Abrasives break down during use, OSHA classifies this as inert or nuisance dust.

Abrasive blocks are intended for manual use only and may not be suited for use with grinding machines or other equipment. Follow the machine/tool manufacturer's recommendations.

The safety data contained in this document is applicable to potential exposure hazards associated with this product only.

During the abrading operation 90% or more of the dust and particulates are derived from the workpiece. In most cases, the material(s) removed from the workpiece may present a greater hazard than material released by the product.

2.2 Labeling Elements: Not required by OSHA.

Proposition 65-compliant labeling required in the State of California (see Section 15):



**WARNING: Cancer and Reproductive
Harm - www.P65Warnings.ca.gov**

2.3 Other hazards: Nonhazardous as sold. During use, dust will be generated. A greater risk is likely from materials being worked on, paints, coatings, etc. Therefore, an assessment of the substances being abraded by the product prior to use is essential...

- Contact with dust can cause mechanical irritation or drying of the skin.
- Dust contact with the eyes can lead to mechanical irritation.
- Dust may also cause nose, throat, and lung irritation.
- Accumulation of metallic dust can lead to a combustible dust hazard.
- In the event of fire, some components of the product may emit hazardous fumes.
- Some components are listed as causing cancer, birth defects or other reproductive harm by the State of California under the Proposition 65 regulation (see Section 15).

3. Composition/information on ingredients

3.1 Mixture composition:

Substance	CAS #	% of block
Aluminum oxide	1344-28-1	45-50
Liquid polysulfide polymer with thiol end groups	68611-50-7	30-35
Dipropyleneglycol dibenzoate	27138-31-4, 248-258-5	5-6
Zinc oxide	1314-13-2	3-4
Silicon dioxide*	14808-60-7, 7631-86-9	3
Titanium dioxide	13463-67-7	3
Iron oxide	1309-37-1	2
Zinc peroxide	1314-22-3	2
Alcohols, C16-18 and C18-unsaturated, ethoxylated (10-14 EO)	68920-66-1	1-5

Substance	CAS #	% of block
1-Propanaminium, 3-Amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18-Acylderivate, Hydroxide, inner salts.	97862-59-4	0-1
Benzoate esters	Proprietary	0-1
Water	7732-18-5	0-1
Diphenylmethane diisocyanate (isomers and homologues)	9016-87-9	0-1
Amides, coco, N-(3-dimethylamino)propyl), alkylation products with chloroacetic acid, sodium salts	70851-07-9	0-1
Poly(oxy-1,2-ethanediyl), alpha-sulfo-omega-(undecyloxy)-, sodium salt, branched and linear	219756-63-5	0-1
Diphenylmethane-4,4'-di-isocyanate	101-68-8	0-0.5
Diphenylmethane-2,4'-di-isocyanate	5873-54-1	0-0.5
Diphenylmethane-2,2'-di-isocyanate	2536-05-2	0-0.5
1,2-Benzisothiazolin-3-on	2634-33-5	0-0.1
2-Methyl-4-isothiazolin-3-on	2682-20-4	0-0.1
3-Iodo-2-propynylbutyl carbamate	55406-53-6	0-0.1

* Not silicogenic respirable crystalline

4 First-Aid Measures

4.1 Description: The following recommendations are basic rules during an abrading operation. They must be followed in conjunction with the information appearing in the safety data sheets of the material being abraded.

- **Ingestion:** Not likely, due to the form of the product.
Rinse mouth and drink plenty of water. Do not induce vomiting.
Never give anything by mouth to an unconscious person.
If you feel unwell or significant quantities of dust, or of the product, are ingested, seek medical assistance.
- **Inhalation:** Inhaling dust may irritate the respiratory system.
If this occurs, remove person to fresh air. If irritation persists, seek medical assistance.
- **Eye Contact:** Remove contact lenses. Dust may irritate eyes.
If this occurs, flush eyes out thoroughly with water. If irritation persists, seek medical assistance.
- **Skin Contact:** Dust may irritate skin. If this occurs, wash thoroughly with soap and water. Launder contaminated clothing before reuse.
If used incorrectly, products may abrade the skin. If this occurs, thoroughly clean wound and apply a sterile dressing.

4.2 Most important symptoms and effects, both acute and delayed: No specific product-related symptoms are known.

4.3 Indication of any immediate medical attention and special treatment needed: Not relevant. Treat symptomatically.

5 Fire-Fighting Measures

5.1 Extinguishing media:

Suitable extinguishing media:

Water spray
Dry powder
Carbon dioxide (CO₂)
Alcohol resistant foam

Extinguishing media that must not be used for safety reasons:

Water spray jet
High volume water jet

5.2 Special hazards arising from the product:

Do not allow run-off from firefighting to enter drains or water courses.

In cases of fire, hazardous fumes and combustion gases are formed:

From Liquid polysulfide polymer with thiol end groups (30-35% of product): Sulfur compounds, Formaldehyde

From Zinc peroxide (3-4% of product): Zinc monoxide, Oxygen

From dies and other trace ingredients (0-1% of product): Carbon oxides, Nitrogen oxides (NO_x), Hydrogen chloride

5.3 Advice for fire fighters:

Special protective equipment for firefighting:

Use positive pressure self-contained breathing apparatus.

Wear protective equipment to prevent contact with skin and eyes.

Collect contaminated fire extinguishing water separately, do not discharge into drains if possible.

6 Accidental Release Measures

Product is inert in its natural state.

Dust from use of the product should not be allowed to enter drains or water courses.

If dust from the product contaminates rivers and lakes or drains inform respective authorities.

7 Handling and Storage

Handling:

No smoking.

Avoid dust formation.

Store blocks in dry conditions.

No decomposition if stored and applied as directed.

Keep away from open flames, ignition sources and combustible materials.

Hygiene: Wash hands after handling.

8 Exposure control and personal protection

8.1 Control parameters: Before using it is recommended to perform a risk assessment and to use personal protection equipment accordingly.

Note: Hazardous dust of the workpiece material may be generated during the abrading operation. National and local regulations for dust exposures limit values have to be taken into consideration.

Available occupational exposure limits for ingredients (all units are mg/m³ unless otherwise indicated):

Substance	CAS-N°	OSHA 8-hour TWA [STEL]	NIOSH up to 10-hour TWA [STEL]	ACGIH 8-hour TWA [STEL]	Cal/OSHA 8-hour TWA [STEL]
Aluminum oxide (total dust ; respirable dust)	1344-28-1	15 ; 5		1 (respirable particulate matter)	15 ; 5
Zinc oxide, Zinc peroxide	1314-13-2, 1314-22-3	5	5 [10]	2 [10] (respirable particulate matter)	5 [10]
Silicon dioxide*	14808-60-7, 7631-86-9	0.050 (0.025 Action Level)	0.050	0.025 (respirable particulate matter)	0.050
Titanium Dioxide (total dust; respirable dust)	13463-67-6	15		10	10 ; 5
Iron Oxide	1309-37-1	10	5	5 (respirable particulate matter)	5
Diphenylmethane-4,4'-di-isocyanate	101-68-8	PEL-C: 0.2	0.05; REL-C: 0.2 – 10 min.	0.050	0.050

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Occupational exposure limits values of decomposition products (all units are mg/m³ unless otherwise indicated):

Substance	CAS-N°	OSHA 8-hour TWA [STEL]	NIOSH up to 10-hour TWA [STEL]	ACGIH 8-hour TWA [STEL]	Cal/OSHA 8-hour TWA [STEL]
Sulfur dioxide	7446-09-5	13 (5 ppm)	5 (2 ppm) [13 (5 ppm)]	[0.25 ppm]	5 (2 ppm) [10 (5 ppm)]
Hydrogen sulfide	7783-06-4	PEL-C: 20 ppm, 50 ppm (Peak) – 10 min., once only	REL-C: 15 (10 ppm) – 10 min.	1 ppm [5 ppm]	14 (10 ppm) [21 (15 ppm)] PEL-C: 50 ppm
Formaldehyde	50-00-0	0.75 ppm (0.5 ppm Action Level) [2 ppm]	0.016 ppm [0.1 ppm – 15 min.]	0.1 ppm [0.3 ppm]	0.75 ppm (0.50 ppm Action Level) [2 ppm]

ACGIH: American Conference of Governmental Industrial Hygienists

OSHA: United States Department of Labor – Occupational Safety and Health Administration

NIOSH: National Institute for Occupational Safety and Health

Cal/OSHA: California Occupational Safety and Health Administration

TWA: Time-Weighted-Average

STEL: Short Term Exposure Limit

PEL-C: Personal Exposure Limit – Ceiling Peak

REL-C: Recommended Exposure Limit – Ceiling Peak

8.2 Exposure controls – The following individual protection measures should be used, dependent on the material being abraded:

8.2.1 Respiratory protection: Use local exhaust ventilation to ensure exposure to dust levels does not exceed the above exposure limits. If not available use respiratory protective equipment.

8.2.2 Hand protection: Wear protective gloves.

8.2.3 Eye protection: Wear protective goggles or face shield.

9 Physical and chemical properties

- 9.1 Physical state:** Solid
- 9.2 Color:** Varies
- 9.3 Flammability:** No data available
- 9.4 Odor:** No data available
- 9.5 Melting/freezing point:** No data available
- 9.6 pH:** No data available
- 9.7 Change of physical state:** No data available
- 9.8 Density:** No data available
- 9.9 Viscosity:** Not applicable
- 9.10 Boiling point/flash point:** No data available
- 9.11 Decomposition temperature:** At temperatures exceeding 180° F (80° C) hazardous or toxic decomposition products may be generated.
- 9.12 Solubility in water:** Not relevant as sold. Dust from use of the product should not be allowed to enter drains or water courses.

10 Stability and reactivity

- 10.1 Reactivity:** Avoid contact with strong acids or oxidizing agents.
- 10.2 Chemical stability:** No decomposition in normal use.
- 10.3 Possibility of hazardous reactions:** No dangerous reactions known.
- 10.4 Conditions to avoid:** No data available.
- 10.5 Incompatible materials:** No dangerous reactions known. Strong acids, strong bases & strong oxidizing agents may modify the mechanical characteristics of the products and create safety hazards when used.

10.6 Hazardous decomposition products: Dust from listed substances will be given off, also substances from workpiece material. At temperatures exceeding 180° F (80° C) hazardous or toxic decomposition products may be generated.

11 Toxicological Information

NOT APPLICABLE WHEN HANDLED OR STORED.

11.1 Inhalation: Dust may cause respiratory irritation.

11.2 Ingestion: None expected under normal use conditions.

11.3 Skin Contact: None expected under normal use conditions. Rubbing product across the skin may cause mechanical irritation or abrasions.

11.4 Eye contact: Dust from grinding and/or sanding operations may cause eye irritation. Dust particles may cause abrasive injury to the eyes.

11.5 Carcinogenicity: See Section 15.

11.6 Acute Toxicity: Based on available data.

Substance	Hazard	Threshold
Aluminum Oxide	Oral Inhalation	>5,000 mg/kg (LD50, rat) >2.6 mg/L/4h (LC50, rat)
Liquid polysulfide polymer with thiol end groups	Oral Dermal	>5,000 mg/kg (LD50, rat) >7,800 mg/kg (LC50, rat)
Dipropylene glycol dibenzoate	Oral Dermal Inhalation	3,914 mg/kg (LD50, rat) >2,000 mg/kg (LD50, rat) >200 mg/L/4h (LC50, rat)
Titanium Dioxide	Dermal Inhalation Ingestion	>10,000 mg/kg (LD50, rabbit) >6.82 mg/L/4h (LC50, rat) >10,000 mg/kg (LD50, rat)
Iron Oxide	Oral	>10,000 mg/kg (LD50, rat)
1-Propanaminium, 3-Amino-N-(carboxymethyl)-N,N-dimethyl-,N-C8-18-Acylderivate, Hydroxide, inner salts.	Oral	>5,000 mg/kg (LD50, rat)
Diphenylmethane diisocyanate (isomers and homologues)	Oral Dermal	4,900 mg/kg (LD50, rat) >9,400 mg/kg (LD50, rabbit)
Diphenylmethane-4,4'-di-isocyanate	Oral Dermal	2,200 mg/kg (LD50, mouse) 9,200 mg/kg (LD50, rat)
1,2-Benzisothiazolin-3-on	Oral Dermal Inhalation	670-784 mg/kg (LD50, rat) >2,000 mg/kg (LD50, rat) >0.5 mg/L/4h (LC50, rat)
2-Methyl-4-isothiazolin-3-on	Oral Dermal Inhalation	50-300 mg/kg (LD50, rat) >2,000 mg/kg (LD50, rat) >0.0005 mg/L/4h (LC50, rat)
3-Iodo-2-propynylbutyl carbamate	Oral	>5,000 mg/kg (LD50, rat)

* Not silicogenic resp. crystalline

12 Ecological Information: Not required.

13 Disposal Considerations:

Dust from the product should not be allowed to enter drains, water courses or the soil.

Do not contaminate ponds, waterways or ditches with dust from the product or used product.

Dispose in accordance with all applicable regulations.

14 Transport Information: No Classification assigned.

15 Regulatory Information:

U.S. Federal Regulations: No specific labeling requirements under U.S. Federal Regulations.

U.S. State Regulations of hazardous ingredients:

Component	CAS-N°	CA	MA	MN	NJ	PA
Titanium Dioxide	13463-67-6	YES (Prop. 65 – Cancer)	No	YES	YES	YES
Aluminum Oxide	1344-28-1	YES	No	YES	YES	YES
Zinc oxide (as Zinc compounds)	1314-13-2	YES	No	YES	YES	YES
Iron oxide (as Iron Oxide fume)	1309-37-1	YES	No	YES	YES	YES
Zinc peroxide (as Zinc compounds)	1314-22-3	YES	No	YES	YES	No
Diphenylmethane-4,4'-di-isocyanate, Diphenylmethane-2,4'-di-isocyanate, Diphenylmethane-2,2'-di-isocyanate – as Methyl Isocyanate (MIC)	101-68-8 5873-54-1 2536-05-2 (as 624-83-9)	YES (Prop. 65 – Develop. Tox. & Female Reprod. Tox.)	No	YES	YES	YES
Silicon dioxide*	14808-60-7, 7631-86-9	YES (Prop. 65 – Cancer)	No	YES	YES	YES

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U.S. State Regulations of hazardous decomposition products:

Component	CAS-N°	CA	MA	MN	NJ	PA
Sulfur dioxide	7446-09-5	YES (Prop. 65 – Develop. Tox.)	No	YES	YES	YES
Hydrogen sulfide	7783-06-4	YES	No	YES	YES	YES
Formaldehyde	50-00-0	YES (Prop. 65 as Formaldehyde gas – Cancer)	YES	YES	YES	YES

16 Other information:

16.1 Warning! The above information is based on our current standard of knowledge and does not constitute any warranty of conditions of the product. The information does not form part of any contractual agreement. It remains the user's responsibility to adhere to existing laws and regulations.

Preparation date: 21-Nov-2018