



# Safety Data Sheet

SDS#: KAS-H27-1045 Version Number: 1.02  
Issue Date: 2015/6/1 Revision date: 2017/6/14

## SECTION 1: Product and manufacture Identification

### Product Identifier

Product name : Coated abrasives, Aluminum Oxide  
Product code : Tri-Pro ST (VASM-ST P220-P150)

### Intended Use of the Product

grind/surface regulation/thickness control

### Name, Address, and Telephone of the Responsible Party

Kovax Corporation  
43-2, Itabashi 4-chome, Itabashi-ku, Tokyo, Japan  
81-3-5960-1621

### Emergency telephone number

81-3-5960-1621

## SECTION 2: Hazards Identification

### GHS-US classification

Not classified

### Hazard pictograms(GHS-US) :

Signal ward : Not applicable.  
Hazard statements : Not applicable.  
Precautionary statement : Not applicable.

## SECTION 3: Composition/information on ingredients

### Substances

Ingredient	Product Identifier	%
Aluminum Oxide	1344-28-1	30
Backing paper	none	30
Cured resin	mixture	15
Calcium stearate	1592-23-0	10
Velour	N/A	15

## SECTION 4: First aid measures

### Description of first aid measures

After inhalation: When symptoms occur: go into open air and ventilate suspect area  
Remove to fresh air and keep at rest in a position comfortable for breathing  
Call a doctor/physician if you feel unwell

After skin contact: Wash with soap and water

After eye contact: flush with water for several minutes  
Remove contact lenses, if present and easy to do. Continue rinsing

After ingestion: Rinse mouth

### Most important symptoms and effects, both acute and delayed

See section 11 toxicological information

### Indication of any immediate medical attention and special treatment needed

Not applicable

## SECTION 5: Firefighting measures

### Extinguishing media

Suitable extinguishing media: Water stream, dry chemical, firefighting foam

Unsuitable extinguishing media: -

### Special Hazards arising from the substance or mixture

None inherent for this product

### Advice for firefighters

Protection during firefighting: Backing & Resin will burn or decompose, use respiratory protection

## SECTION 6: Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Observe precautions from other sections.

### Environmental precautions

Not applicable

Reference to other section  
Not applicable

## SECTION 7: Handling and storage

### Precautions for safe handling

Precautions for safe handling: Keep away from open flames.  
Avoid breathing of dust created by sanding, grinding or machining  
Recommend to use outdoor or in a well-ventilated area  
Wear recommended personal protection equipment

Hygiene measures: Handle in accordance with good industrial hygiene and safety procedures.  
Wash hands and other exposed areas with soap and water before eating, drinking, or smoking and again when leaving work

### Conditions for safe storage, including any incompatibilities

Technical measures: -  
Storage conditions: Store in a dry and well-ventilated place. Keep container closed when not in use.  
Incompatible products: -  
Incompatible materials: -  
Storage area: Keep in dry place  
Special rules on packing: -

### Specific end use(s)

None

## SECTION 8: Exposure controls/personal protection

### Control parameters

None

### Exposure controls

Appropriate engineering control: -  
Personal proactive equipment:



Hand protection: Wear protective groves if needed  
Eye protection: Safety glasses  
Skin protection: Wear suitable protective clothing  
Respiratory protection: Dust protective mask  
Other information: When using, do not eat or drink

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Physical state	:	Solid
Appearance	:	Abrasive accessory
Color	:	Colored (Various kinds)
Odor	:	Characteristic
Odor threshold	:	Not applicable
pH	:	Not applicable
Relative evaporation rate (butyl acetate=1)	:	Not applicable
Melting point	:	Not applicable
Freezing point	:	Not applicable
Boiling point	:	Not applicable
Flash point	:	Not applicable
Auto-ignition temperature	:	Not applicable
Decomposition temperature	:	Not applicable
Flammability (Solid, gas)	:	Not classified
Vapor pressure	:	Not applicable
Relative vapor density at 20 °C	:	Not applicable
Relative density	:	Not applicable
Density	:	Not applicable
Solubility	:	Not applicable
Log Pow	:	Not applicable
Log Kow	:	Not applicable
Viscosity, kinematic	:	Not applicable
Viscosity, dynamic	:	Not applicable
Explosive properties	:	Not applicable
Oxidizing properties	:	Not applicable
Explosive limits	:	Not applicable

### Other information

No additional information available

**SECTION 10: Stability and reactivity**

Reactivity	:	Not reactive under normal use conditions
Chemical Stability	:	Stable
Possibility of Hazardous Reactions	:	Will not occur
Conditions to Avoid	:	Extremely high or low temperatures. High humidity. Open flame.
Incompatible Materials	:	None
Hazardous Decomposition Products	:	None

**SECTION 11: Toxicological information**

## Information on toxicological effects

Acute toxicity:	Not classified
Skin contact	None expected under normal use conditions
Eye contact	Dust from grinding, sanding, or machining may cause eye irritation
Inhalation	Dust from grinding, sanding or machining may cause irritation
Ingestion	No health effects are expected.
Carcinogenicity:	Not classified
Reproductive toxicity	Not classified
Specific target organ toxicity (single exposure):	Not classified
Specific target organ toxicity (repeated exposure):	Not classified
Aspiration hazard:	Not classified

**SECTION 12: Ecological information**

No ecological data is available for this product.

**SECTION 13: Disposal considerations**

## Waste treatment methods

Regional legislation (waste):	Dispose in accordance with all applicable local, state and federal regulations
Waste disposal recommendations:	Standard landfill methods consistent with applicable federal, state & local laws.
Additional information	–

**SECTION 14: Transport information**

in accordance with DOT

UN Number	:	None
Hazard Classes (DOT)	:	None
Hazard labels (DOT)	:	None

**SECTION 15: Regulatory information**

## Industrial Safety and Health Act

## Ordinance on Prevention of Dust Hazard

You create dust when you cut, sand, drill or grind materials such as wood, paint, cement, masonry or metal.  
This dust often contains chemicals known to cause cancer, birth defects or other reproductive harm.

**SECTION 16: Other information**

## NFPA Hazard Classification

Health: 0 Flammability: 1 Instability: 0 Special Hazards: None

The information and recommendations set forth herein are taken from sources believed to be accurate as of the date hereof, however, Kovax Corporation makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any users thereof.