Safety Data Sheet

AV-290 FAST-SET ™ Part B

SECTION 1. IDENTIFICATION

Product Identifier	AV-290 FAST-SET Part B
Other Means of Identification	**Hydrophobic Grout**
Recommended Use:	Industrial Use Only.
Restrictions on Use:	None known.
Manufacturer/Supplier Identifier	Avanti International, 822 Bay Star Blvd, Webster, TX, 77598, USA, 281.486.5600, avantigrout.com
Emergency Phone No.	ChemTrec, 800.424.9300
Date of Preparation:	April 19, 2018

SECTION 2. HAZARD IDENTIFICATION

Classification

Skin Irritant – Category 2.

Label Elements

Signal Word:
Warning
Hazard Statement(s):

H315 Causes skin irritation

Precautionary Statement(s):

Prevention:

P264 Wash hands thoroughly after handling

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection

Response:

P302+352 IF ON SKIN: Wash with plenty of water.

P321 Specific treatment, follow First Aid instructions

P332+313 If skin irritation occurs: Get medical advice/attention.

P362+364 Take off contaminated clothing and wash it before reuse.

Other Hazards

None Known

HMIS RATING Health: 0 Flammability: 1 Physical Hazard: 0

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers	Other Names
1,3-Propanediamine, N, N-Bis[3-(dimethylamino)propyl]-N', N, -dimethyl-	33329-35-0	<5	Tertiary Amine	

SECTION 4. FIRST-AID MEASURES

First-aid Measures

Inhalation

Get medical advice or attention if you feel unwell or are concerned.

Skin Contact

Wash gently and thoroughly with lukewarm, gently flowing water and mild soap for 5 minutes.

Eye Contact

Rinse the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, while holding the eyelid(s) open.

Ingestion

Rinse mouth with water.

First-aid Comments

Get medical advice or attention if you feel unwell or are concerned.

Most Important Symptoms and Effects, Acute and Delayed

None known.

Immediate Medical Attention and Special Treatment

Target Organs

Skin.

Special Instructions

Not applicable.

Medical Conditions Aggravated by Exposure

None known.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

Unsuitable Extinguishing Media

None known.

Specific Hazards Arising from the Product

Can ignite if strongly heated.

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

Special Protective Equipment and Precautions for Fire-fighters

No special precautions are necessary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

Environmental Precautions

It is good practice to prevent releases into the environment.

Methods and Materials for Containment and Cleaning Up

Stop or reduce leak if safe to do so. Dike spilled product to prevent runoff. Remove or recover liquid using pumps or vacuum equipment.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

Prevent accidental contact with incompatible chemicals. General hygiene considerations: it is good practice to: avoid breathing product; avoid skin and eye contact and wash hands after handling.

Conditions for Safe Storage

No special requirements for storage area.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters

Not available

Appropriate Engineering Controls

The hazard potential of this product is relatively low. General ventilation is usually adequate. Use local exhaust ventilation, if general ventilation is not adequate to control amount in the air.

Individual Protection Measures

Eye/Face Protection

Not required but it is good practice to wear safety glasses or chemical safety goggles.

Skin Protection

Not required. In case of an emergency (e.g. an uncontrolled release): wear chemical protective clothing e.g. gloves, aprons, boots. Chemical Resistant Gloves: butyl rubber, natural rubber, neoprene rubber, nitrile rubber, polyvinyl chloride, Viton®/butyl rubber.

Respiratory Protection

Not normally required if product is used as directed.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Basic Physical and Chemical Properties

Appearance	Amber Liquid
Odour	Not available
Odour Threshold	Not available
pH	Not available
Melting Point/Freezing Point	Not available
Initial Boiling Point/Range	Not available
Flash Point	Not available
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	Not available
Solubility	Not available
Partition Coefficient,n-Octanol/Water	Not available
(Log Kow)Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

SECTION 10. STABILITY AND REACTIVITY

Reactivity

None known.

Chemical Stability

Normally stable

Possibility of Hazardous Reactions

None known

Conditions to Avoid

None known

Incompatible Materials

Organic acids (e.g. acetic acid), inorganic acids (e.g. hydrofluoric acid), strong oxidizing agents (e.g. perchloric acid), oxidizing agents (e.g. peroxides).
Not corrosive to metals.

Hazardous Decomposition Products

Very toxic carbon monoxide, carbon dioxide; corrosive, oxidizing nitrogen oxides.

SECTION 11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure

Acute Toxicity

Chemical Name	LC50	LD50 (oral)	LD50 (dermal)
1,3-Propanediamine, N, N-Bis[3-(dimethylamino)propyl]-N', N, -dimethyl-		2445 mg/kg (rat)	1150 mg/kg (rabbit)

Oral ATE mix = 50,000 mg/kg

Dermal ATE mix = 23,256 mg/kg

Skin Corrosion/Irritation

May cause mild irritation based on information for closely related chemicals.

Serious Eye Damage/Irritation

May cause mild irritation based on information for closely related chemicals.

STOT (Specific Target Organ Toxicity) - Single Exposure

Inhalation

No information was located

Skin Absorption

No information was located

Ingestion

No information was located

Aspiration Hazard

No information was located

STOT (Specific Target Organ Toxicity) - Repeated Exposure

No information was located

Respiratory and/or Skin Sensitization

No information was located

Carcinogenicity

No information was located

Reproductive Toxicity

Development of Offspring

No information was located

Sexual Function and Fertility

No information was located

Effects on or via Lactation

No information was located

Germ Cell Mutagenicity

No information was located

Interactive Effects

No information was located

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No information was located

Acute Aquatic Toxicity

Chemical Name	LC50 Fish	EC50 Crustacea	ErC50 Aquatic Plants	ErC50 Algae
1,3-Propanediamine, N, N-Bis[3-(dimethylamino)propyl]-N', N, -dimethyl-	430mg/L (48-hr)			

Persistence and Degradability

No information was located

Bioaccumulative Potential

No information was located

Mobility in Soil

No information was located

Other Adverse Effects

No information was located

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

The required hazard evaluation of the waste and compliance with the applicable hazardous waste laws are the responsibility of the user.

SECTION 14. TRANSPORT INFORMATION

Not regulated under US DOT Regulations.

Environmental Hazards

Not applicable

Special Precautions

Not applicable

Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15. REGULATORY INFORMATION

Safety, Health and Environmental Regulations

USA

Toxic Substances Control Act (TSCA) Section 8(b)

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

SECTION 16. OTHER INFORMATION

NFPA Rating	**Health - 0 Flammability - 1 Instability - 0**
SDS Prepared By	Avanti International
Date of Preparation	**April 19, 2018**
Date of Last Revision	**December 1, 2022**
Revision Indicators	Not applicable.
Key to Abbreviations	ACGIH® = American Conference of Governmental Industrial Hygienists IARC = International Agency for Research on Cancer NFPA = National Fire Protection Association NIOSH = National Institute for Occupational Safety and Health NTP = National Toxicology Program OSHA = US Occupational Safety and Health Administration RTECS® = Registry of Toxic Effects of Chemical Substances
References	CHEMINFO database. Canadian Centre for Occupational Health and Safety (CCOHS).

HSDB® database. US National Library of Medicine. Available from Canadian Centre for Occupational Health and Safety (CCOHS). NIOSH Pocket Guide database. National Institute for Occupational Safety and Health. Available from Canadian Centre for Occupational Health and Safety (CCOHS). Registry of Toxic Effects of Chemical Substances (RTECS®) database. Dassault Systèmes/BIOVIA ("BIOVIA"). Available from Canadian Centre for Occupational Health and Safety (CCOHS).