

Material Safety Data Sheet

Revision Date: 04-24-2013

Product Code: 7925

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name:	FAST SET ADDITIVE	
Product Code:	7925	
Document ID:	M7925	
Company:	NEOGARD® - a Division of JONES-BLAIR® Company 2728 Empire Central Dallas, TX 75235 1-214-353-1600	
Revision Number:	2	
Prior Version Date:	09-10-2009	Distributed By:
Chemical Family:	Paint Additive	Distribué Par:
Intended use:	Paint Additive	Polysource Industries Inc.
Emergency Contact:	ChemTrec Center	#1 - 19725 Telegraph Trail
Emergency Phone:	1-800-424-9300	Langley, BC V1M 3E6
International:	703-527-3887	Tel: (877) 986-8688

II. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: **DANGER!**
Causes eye burns.
Causes skin burns.
May cause allergic skin reaction.
Overexposure may cause respiratory tract and lung damage.
Vapor harmful.
Harmful if swallowed.
May be harmful if absorbed through skin.

Routes of Entry:

- Skin contact
- Eye contact
- Ingestion

Medical Conditions • Respiratory disorders, including but not limited to asthma and bronchitis.
Aggravated by Exposure: •

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation: Causes nose and throat irritation. Causes lung irritation.

Inhalation Toxicity: May cause allergic respiratory reaction.

Skin Contact: Corrosive to skin tissue. Can cause chemical burns. May cause allergic skin reaction.

Skin Absorption: Contains a substance which may result in absorption of harmful amounts upon prolonged or widespread contact.

Eye Contact: Corrosive to eye tissue. Can cause severe irritation, tearing, and burns that can quickly lead to permanent injury including blindness.

Ingestion Toxicity: Harmful if swallowed. This product may produce corrosive damage to the gastrointestinal tract if it is swallowed.

Long-Term (Chronic) Health Effects:

Inhalation: Overexposure may cause respiratory tract damage.

Overexposure may cause lung damage.

Skin Contact: Prolonged contact may cause an allergic skin reaction.

Ingestion: Contains a substance upon prolonged or repeated overexposure can cause serious damage to health according to a two year feeding study on animals.

III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	%	CAS #
Diethyltoluenediamine	15 - 40	68479-98-1

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KETIMINE OF DIETHYLENE TRIAMINE AND
METHYL ISOBUTYL KETONE
Diethylenetriamine

15 - 40

10595-60-5

1 - 5

111-40-0

IV. FIRST-AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

Eyes: Immediately flush eyes with plenty of water for at least 20 minutes retracting eyelids often. This corrosive material can cause immediate and permanent eye damage. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention and monitor the eye daily as advised by your physician.

Skin Contact: Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists. Thoroughly wash or discard clothing and shoes before reuse.

Ingestion: Severely irritating. Do not induce vomiting. Seek medical attention immediately. Drink 2 glasses of water or milk to dilute. Never give anything by mouth to an unconscious person.

V. FIRE FIGHTING MEASURES

Extinguishing Media: Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

Fire and/or Explosion Hazards: Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.

Fire Fighting Methods and Protection: Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment.

Flash Point (°F/°C): 202 / 94

Autoignition Temperature (°F/°C): 788.0 / 420.0

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment: Follow personal protective equipment recommendations found in Section VIII of this MSDS. Additional precautions may be necessary based on special circumstances created by the spill including the material spilled, the quantity of the spill, the area in which the spill occurred. See MSDS sections III, XIII and XV for disposal considerations.

Methods for Clean-up: Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Dike with suitable absorbent material. Gather and store in a sealed container pending disposal. This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.

VII. HANDLING AND STORAGE

Handling Technical Measures and Precautions: Overexposure may be harmful. As with all chemicals, good industrial hygiene practices should be followed when handling this material.

Storage Technical Measures and Conditions: Store in a cool dry place. Keep container(s) closed.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Measures: Local exhaust ventilation or other engineering controls may be required when handling or using this product to avoid overexposure.

Respiratory Protection: General or local exhaust ventilation is the preferred means of protection. In cases where ventilation is inadequate, respiratory protection may be required to avoid overexposure. Follow respirator manufacturer's directions for respirator use.

Eye Protection: Wear chemical splash goggles when handling this product. Additionally, wear a face

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shield when the possibility of splashing of liquid exists. Do not wear contact lenses. Have an eye wash station available.

Skin Protection:

Avoid all skin contact by covering as much of the exposed skin area as possible with appropriate clothing to prevent skin contact. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Clothing suitable to prevent skin contact. Wear chemical resistant gloves.

Control Parameters:

Chemical Name	ACGIH TLV-TWA	ACGIH STEL	OSHA PEL-TWA
Diethylenetriamine	1ppm, 4.2mg/m ³ TWA		

IX. PHYSICAL AND CHEMICAL PROPERTIES

Color:	Colorless to pale yellow
Physical State:	Liquid
Boiling Point - Low (°F):	586.0
Boiling Point - High (°F):	586.0
Odor:	Amine-Like.
Vapor Density:	6.20 (air = 1)
Vapor Pressure:	0.01
VOC (g/l) (Regulatory, Calculated):	218.09
(Actual, Calculated):	218.09
Solubility in Water:	Negligible; 0-1%
Octanol/Water Partition Coefficient:	Not Available
Volatiles, % by Volume (Calculated):	27.37
Volatiles, % by weight (Calculated):	23.25
Density:	8 - 8 lbs./Gal.

Physical and Chemical Properties are calculated target or range values for single packaged items and do not represent compliance values for multi-component (mixed) systems.

X. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.
Materials to Avoid/Chemical Incompatibility:	Acids, Acrylates, Aldehydes, Alcohols, Halogenated Hydrocarbons, Ketones, Nitrites
Polymerization:	Will not occur.
Hazardous Decomposition Products:	Ammonia, Ethylenediamine, Amines

XI. TOXICOLOGICAL INFORMATION

Component Toxicology Data:

Chemical Name	CAS Number	LD50/LC50
Diethyltoluenediamine	68479-98-1	Oral LD50 Rat 738 mg/kg Dermal LD50 Rat > 2,000 mg/kg
Diethylenetriamine	111-40-0	Oral LD50 Rat 1,080 - 2,330 mg/kg Dermal LD50 Rabbit 1,000 mg/kg Dermal LD50 Rat 672 - 1,240 mg/kg

Carcinogens:

Chemical Name	CAS Number	IARC	NTP	OSHA
Not applicable				

XII. ECOLOGICAL INFORMATION

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Toxicity data, if available, are listed below.

Overview: Components of this product are hazardous to wildlife and aquatic life.

XIII. DISPOSAL CONSIDERATIONS

Disposal Methods: Refer to other sections of this MSDS to determine the toxicity and physical characteristics of the material to determine the proper waste identification and disposal in compliance with applicable regulations.

XIV. TRANSPORTATION INFORMATION

This section provides basic shipping classification information and does not contain all regulatory transportation details. Refer to all applicable regulations for domestic, international, air, vessel and ground transportation requirements and restrictions.

DOT Basic Description: Paint Related Material
Hazard Class: 8
UN Number: UN3066
Packing Group: III
Other: This product qualifies for a limited quantity exception per CFR173.154(b)(2) for inner containers <= 1.3 gallon (5L) net capacity for liquids and packed in strong outer packagings.

IATA Air Shipping Name: Paint Related Material
IATA Hazard Class: 8
IATA UN Number: UN3066
IATA Packing Group: III

IMO Shipping Name: Paint, Not-Regulated
IMO Hazard Class: 8
IMO UN Number: UN3066
IMO Packing Group: III

Marine Pollutant: Y

XV. REGULATORY INFORMATION

United States Federal Regulations:

TSCA Status All components of this product are either listed on the TSCA Inventory; or, are not subject to the inventory notification requirements.

SARA EHS Chemicals

Not applicable

CAS

%

CERCLA

Not applicable

SARA 313

Not applicable

SARA 311/312

Health (Acute): Y
Health (chronic): Y
Fire (Flammable): N
Pressure: N
Reactivity: N

U. S. State Regulations:

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California Prop 65 Chemicals

Cancer

Not applicable

Reproductive

Not applicable

CAS #

%

Canadian Regulations:

CEPA DSL:

The components of this product ARE listed on the Canadian Domestic Substances List.

XVI. ADDITIONAL INFORMATION

Prepared By:

Regulatory Department

Disclaimer:

This MSDS has been prepared in accordance with the OSHA Hazard Communication Standard (29 CFR 1910.1200) and Canada's Controlled Product Regulations (CPR). To the best of our knowledge the information contained herein is accurate. Determination of safe handling, application and use of this material is the responsibility of the end user. This information is furnished without warranty, expressed or implied.

Print Date:

April 24, 2013