

MATERIAL SAFETY DATA SHEET

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Product Name: 12234-T1 BLUE
Chemical Family: COLOR AND/OR ADDITIVE CONCENTRATE IN POLYMER MATRIX
MSDS Preparer: PATRICK SURGEON Date Prepared: 14-JAN-1998

SECTION 2 - HAZARDOUS AND/OR REPORTABLE COMPONENTS

Chemical Name	Exposure Limits	CAS Number	% Conc
POLY (VINYL CHLORIDE) RESIN		9003-22-9	15 - 20
OSHA PEL None	ACGIH TLV None		
DIESTER		68515-49-1	10 - 15
OSHA PEL None	ACGIH TLV None		
CARBON BLACK		1333-86-4	0.05- 0.2
OSHA PEL 3.5 mg/M3	ACGIH TLV 3.5 mg/M3		

SECTION 3 - HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW ***** EMERGENCY OVERVIEW *****
This material is a solid mixture of colorants and additives dispersed and encapsulated in a polymer matrix. As such, it poses little or no immediate hazard for normal industrial or commercial handling. The organic portion is combustible.

POTENTIAL HEALTH EFFECTS FOR ROUTE OF ENTRY:

Inhalation: Dust generated from this product may be irritating to the respiratory tract.

Eyes: Dust generated from this product may irritate the eyes.

Ingestion: Not a likely source of exposure. This product has a very low solubility in body fluids and has low acute toxicity.

Skin: Frequent or prolonged contact may irritate the skin and cause a skin rash (dermatitis).

ACUTE HEALTH EFFECTS:

Some respiratory and skin disorders may be aggravated by exposure to this product.

CHRONIC HEALTH EFFECTS:

No long term effects are expected from the product as it is received. Exposure to fumes and dusts generated during processing may result in chronic effects.

SECTION 4 - FIRST AID MEASURES

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Inhalation: No specific treatment is necessary since this product is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, move to fresh air and seek medical attention if cough or other symptoms develop.

Eye Contact: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes.

Ingestion: For excessive ingestion, drink water or milk and call a physician. Never give anything by mouth to an unconscious person.

Skin Contact: Wash thoroughly with soap and water.

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SECTION 5 - FIRE FIGHTING MEASURES

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Flash Point: NOT APPLICABLE

Method: NOT APPLICABLE

Lower Flammability: NOT ESTABLISHED

Upper Flammability: NOT ESTABLISHED

Autoignition Temp : NOT ESTABLISHED

Decomposition Temp: NOT ESTABLISHED

Extinguishing Media: ABC rated dry chemical fire extinguisher, water or chemical foam.

Fire and Explosion Hazards: During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion. As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

Special Fire-Fighting Procedures: No special firefighting procedures are required.

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SECTION 6 - ACCIDENTAL RELEASE MEASURES

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Prevent additional discharge. Vacuum or sweep up material and place into a disposal container, or reuse if possible. Avoid dust generation.

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SECTION 7 - HANDLING AND STORAGE

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Handling and Storage Precautions: Avoid prolonged or repeated contact with skin. Minimize dust generation and accumulation. Wash hands before eating. Store in a cool, dry place away from heat and flame. Keep container tightly closed when not in use.

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SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

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Respiratory: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant the use of a respirator.

Eyes: Use safety glasses.

Skin: When material is heated, wear gloves and other suitable clothing to protect against thermal burns.

Face: Additional facial protection is not required.

Ventilation and Engineering Controls: Ventilation should be sufficient to remove any dusts and fumes generated during processing of this product.

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SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Color and Appearance: TYPICAL PLASTIC ODOR
Physical State: SOLID CUBES Specific Gravity: 1.580
Color : BLUE Water Solubility: NEGLIGIBLE
Melting Point : NOT APPLICABLE Boiling Point : NOT APPLICABLE
Vapor Pressure: NOT APPLICABLE pH Range : NOT APPLICABLE
VOC: No Data VOC less water and less exempt solvent: No Data

SECTION 10 - REACTIVITY OR STABILITY

Stability: Stable under normal conditions.

Conditions To Avoid Polymerization: Hazardous polymerization will not occur.

Incompatible Products and Conditions To Avoid: Avoid strong oxidizers.

SECTION 11 - TOXICOLOGICAL INFORMATION

Not Determined For This Product

SECTION 12 - ECOLOGICAL INFORMATION

Not Determined For This Product

SECTION 13 - DISPOSAL CONSIDERATIONS

RCRA Classification: Not determined for this product

Disposal Method: This product is not specifically listed in 40 CFR 261.33 as a hazardous waste. It does not meet the U.S. EPA's characteristic definitions of ignitability, corrosivity, or reactivity. It is not expected to be a characteristic hazardous waste based on toxicity, but it is the responsibility of the waste generator to determine this. Waste must be disposed of in accordance with all applicable Federal, State and Local regulations.

CERCLA Reportable Quantity: Not Applicable

SECTION 14 - TRANSPORTATION DATA

DOT Shipping Name: NOT REGULATED

DOT Label: Not Regulated

SECTION 15 - REGULATORY INFORMATION

TSCA Status: This product is a mixture of ingredients, all of which are listed on the TSCA inventory.

OSHA Status: Considered hazardous based on target organ effects.

TARGET ORGANS:

Lungs

The following chemicals are hazardous under the criteria of the Federal OSHA Hazard Communication Standard (29 CFR 1910.1200).

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CARBON BLACK

1333-86-4

SARA Title III, Section 311 Ratings

Immediate Health Hazard: N

Fire Hazard : N

Delayed Health Hazard : Y

Reactivity Hazard: N

Sudden Release of Pressure Hazard: N

The following chemicals are listed as known or anticipated carcinogens by
IARC, NTP, OSHA or ACGIH:

CARBON BLACK

1333-86-4

The following chemicals are regulated under SARA Title III Section 313:

POLY (VINYL CHLORIDE) RESIN

9003-22-9

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SECTION 16 - OTHER INFORMATION

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Since any hazardous ingredients are encapsulated in polymer, no hazards are
expected during normal use of this product.

The information and recommendations contained herein are based upon data
believed to be correct. AMERICHEM, Inc. makes no warranty, either express or
implied, and assumes no responsibility for the accuracy of the data presented.