



SAFETY DATA SHEET

RED SPRAY ADHESIVE

DELTA RED SPRAY ADHESIVE

Section 1: Identification

Product Name: RED SPRAY ADHESIVE

Relevant identified uses of the substance or mixture and uses advised against Identified uses: Adhesive.

Effective Component: Styrene-Butadiene copolymer

In Case of Emergency: +98 21 62773
(office hours only)

Section 2: Hazardous Identification

Hazard Classification: Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.
In accordance with Directive 1999/45/EC, the product does not need to be classified nor labeled.
Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Signal Word: No signal word

GHS: Not a dangerous substance according to GHS

Precautionary statement: None.

Other hazards: None.

Section 3: Composition/Information on Ingredients

Substance/Mixture:	CAS-No.
Styrene-Butadiene copolymer	9003-55-8
Methyl Chloride	74-87-3

Section 4: First-Aid Measures

Description of Necessary First-Aid Measures: Inhalation: Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. If symptoms persist, call a physician.

Eyes: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Skin:



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If the molten material gets on skin, quickly cool in water. Seek immediate medical attention. Do not try to peel the solidified material from the skin or use solvents or thinners to dissolve it.

Ingestion:

Do not induce vomiting without medical advice.

Description of Symptoms/Effects
(both acute and delayed) & Not reported.
Symptoms of Overexposure:

Indication of Immediate Medical
Attention & Special Treatment Not applicable.
Needed, If Necessary:

Section 5: Fire-Fighting Measures

Suitable Extinguishing Media:	Water. Water mist. Dry chemical. Carbon dioxide (CO ₂). Foam. If possible, water should be applied as a spray from a fogging nozzle since this is a surface burning material. The application of high velocity water will spread the burning surface layer. Avoid the use of straight streams that may create a dust cloud and the risk of a dust explosion. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Specific hazards during firefighting:	Risks of ignition followed by flame propagation or secondary explosions can be caused by the accumulation of dust, e.g. on floors and ledges.
Special Protective Actions for Fire-Fighters:	Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary.
Auto ignition Temperature:	Not applicable
Explosion Limits Lower:	Not applicable.
Fire and explosion protection	Treat as a solid that can burn. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard
Hazardous decomposition products	Simple Hydrocarbons. Carbon oxides
Further information:	This material will burn although it is not easily ignited.

Section 6: Accidental Release Measures

Personal Precautions, Protective Equipment & Emergency Procedures:	Sweep up to prevent slipping hazard. Avoid breathing dust.
Environmental Precautions:	Do not contaminate surface water. Prevent product from entering drains.
Methods & Materials for Containment & Clean Up:	Clean up promptly by sweeping or vacuum.



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Additional advice

Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Section 7: Handling & Storage

Precautions for Safe Handling:

Advice on safe handling:

Use good housekeeping for safe handling of the product.

Keep out of water sources and sewers.

Spilled pellets and powders may create a slipping hazard.

Electrostatic charge may accumulate and create a hazardous condition when handling this material. To minimize this hazard, bonding and grounding may be necessary, but may not by themselves be sufficient.

Advice on protection against fire and explosion:

Treat as a solid that can burn. Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Conditions for Safe Storage:

Keep in a dry place. Keep in a well-ventilated place.

Do not store together with oxidizing and self-igniting products.

Section 8: Exposure Controls & Personal Protection

Exposure Limits:

Contains no substances with occupational exposure limit values.

Engineering Controls:

Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Personal Protective Measures:

Respiratory: No personal respiratory protective equipment normally required. If heated material generates vapor or fumes that are not adequately controlled by ventilation, wear a NIOSH approved respirator. Use the following elements for air-purifying respirators: Use a positive pressure, air-supplying respirator if there is potential for uncontrolled release, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection. Dust safety masks are recommended when the dust concentration is excessive.

Eye: Use of safety glasses with side shields for solid handling is good industrial practice. If this material is heated, wear chemical goggles or safety glasses with side shields or a face shield. If there is potential for dust, use chemical goggles.

Skin: At ambient temperatures use of clean and protective clothing is good industrial practice. If the material is heated or molten, wear thermally insulated, heat-resistant gloves that are able to withstand the temperature of the molten product. If this material is heated, wear insulated clothing to prevent skin contact if engineering controls or work practices are not adequate.

Protective measures:



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Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Section 9: Physical & Chemical Properties

Physical State:	Liquid
Color:	Red
Odor:	Methyl Chloride
Odor Threshold:	Not Available
pH:	5
Melting Point:	Not Available
Boiling Point:	Not Available
Flash Point:	Not Available
Evaporation Rate:	Not Available
Flammability (solid, gas):	Not Available
Lower & Upper Flammability/Explosive Limits:	Not Available
Vapor Pressure:	Not Available
Vapor Density:	Not Available
Relative Density:	1.1-1.3
Solubility:	Insoluble in Water
Partition coefficient: n- octanol/water:	Not Available
Auto-ignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Viscosity:	450-4600 cps with Brookfield (SP=1)



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Section 10: Stability & Reactivity

Reactivity:	This material is considered non-reactive under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Chemical Stability:	This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of Hazardous Reactions:	Under normal conditions of storage, transport and use, hazardous reactions will not occur.
Conditions to Avoid:	Avoid prolonged storage at elevated temperature.
Material to avoid:	Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products:	Simple Hydrocarbons, Carbon oxides

Section 11: Toxicology Information

Acute Toxicity

Oral LD50: No Data Available

Inhalation LC50: No Data Available

Dermal LD50: No Data Available

Skin Corrosion/Irritation: No Data Available

Serious Eye Damage/Irritation: No Data Available

Respiratory or Skin Sensitization: No Data Available

Germ Cell Mutagenicity: No Data Available

Reproductive Toxicity: No Data Available

Teratogenicity: No Data Available

Specific Target Organ Toxicity-Single Exposure: No Data Available

Specific Target Organ Toxicity-Repeated Exposure: No Data Available

Aspiration Hazard: No Data Available

Carcinogenicity

IARC: No Data Available

ACGIH: No Data Available

NTP: No Data Available



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OSHA:

No Data Available

Section 12: Ecological Information

Toxicity:	No Data Available
Persistence & Degradability:	This material is not expected to be readily biodegradable.
Bio-accumulative Potential:	No bioaccumulation potential.
Mobility:	This product is insoluble in water and has neutral buoyancy. This product may float or sink in water.
Other adverse effects:	This material is not expected to be harmful to aquatic organisms. Fish or birds may eat pellets which may obstruct their digestive tracts.

Section 13: Disposal Considerations

The information in this SDS pertains only to the product as shipped.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility

Section 14: Transport Information

The product is not classified as Dangerous for Carriage.

Section 15: Regulatory Information

Read the Label before purchase and use.

Symbol Not subject to labeling.

Information given in this Material Safety Data Sheet does not constitute the user's own workplace risk

Section 16: Other Information

The information given here is to the best of our knowledge true and accurate and is provided solely for making safety assessments. It is not a sales specification or an indication of suitability for a particular use.



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