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Material Safety Data Sheet  
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1 Chemical Product and Company Identification  
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Tradename:

3M(TM) Scotch-Weld(TM) Hot Melt Adhesive 3792LM B, 3792LM PG,  
3792LM Q, 3792LM TC

Product ID:

62-3760-7230-2	62-3760-7232-8	62-3760-7234-4	62-3760-7235-1
62-3760-7236-9	62-3760-9132-8	62-3760-9133-6	62-3760-9330-8
62-3760-9331-6	62-3760-9830-7	62-3760-9831-5	62-3760-9136-9
62-3760-9336-5	62-3760-9105-4	62-3760-9305-0	62-3760-9805-9
62-3760-9335-7	62-3760-9337-3	62-3760-9339-9	62-3760-7233-6
62-3760-9338-1	62-3760-9531-1		

Intended Use of Product:

Low-melt hot-melt adhesive

Division:

INDUSTRIAL ADHESIVES AND TAPES

Limitations on Use of Product:

Caution! Use only with Polygun LT, Polygun II LT, or Polygun EC applicator with temperature control module 1.

2 Hazards Identification

Critical Hazards:

None known.

See Sections 7 and 11 for further information.

3 Composition/Information on Ingredients

Ingredient Name	CAS Number	Percentage
ETHYLENE-VINYL ACETATE POLYMER	24937-78-8	60 - 70
HYDROCARBON RESIN	68132-00-3	30 - 40

NOTE:

Each percentage is expressed as the ratio of the weight of the ingredient to the weight of the controlled product.

4 First Aid Measures

Instructions for Eye Contact:

Immediately flush eyes with large amounts of water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Get immediate medical attention.

Instructions for Skin Contact:

Immediately flush skin with large amounts of cold water for at least 15 minutes. DO NOT ATTEMPT TO REMOVE MOLTEN MATERIAL. Cover affected area with a clean dressing. Get immediate medical attention.

Instructions for Inhalation:

If signs/symptoms develop, remove person to fresh air. If signs/symptoms persist, get medical attention.

Instructions for Ingestion:

Do not induce vomiting unless instructed to do so by medical personnel. Get medical attention.

5 Fire Fighting Measures

Flash point:	>= 232.2 C COC	ASTM D-92-72
Lower Explosive Limit (%):	Not applicable	
Upper Explosive Limit (%):	Not applicable	
Autoignition temperature:	Not Available	

Suitable Extinguishing Media:

Ordinary combustible material. Use fire extinguishers with class A extinguishing agents (e.g., water, foam).

Exposure Hazards during Fire:

No data available.  
Combustion Products from Fire:  
Carbon monoxide - During Combustion;  
Carbon dioxide - During Combustion;  
Unusual Fire and Explosion Hazards  
None known.  
Fire Fighting Procedures:  
Wear full protective equipment (Bunker Gear) and a self-contained breathing apparatus (SCBA).  
NFPA: Health 1  
NFPA: Fire 1  
NFPA: Reactivity 0  
NFPA: Unusual Reaction Hazard none  
Special Instructions:  
Not applicable.

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#### 6 Accidental Release Measures

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Personal Precautions:  
No data available.  
Environmental Procedures  
No data available.  
Methods for cleaning up  
No data available.  
Spill Response:  
Evacuate unprotected and untrained personnel from hazard area. The spill should be cleaned up by qualified personnel. Collect as much of the spilled material as possible. Dispose of collected material as soon as possible.  
Methods for Disposal:  
Reclaim undamaged product.

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#### 7 Handling and Storage

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Storage Requirements:  
No data available.  
Incompatible Materials:  
Store away from heat;  
Ventilation:  
No data available.  
Use Instructions:  
Avoid skin contact with hot material. Caution! Use only with Polygun LT, Polygun II LT, or Polygun EC applicator with temperature control module 1.

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8 Exposure Controls/Personal Protection  
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Personal Protection  
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Eye Protection:

Avoid eye contact.

The following should be worn alone or in combination, as appropriate, to prevent eye contact:

Safety glasses with side shields

Indirect vented goggles;

Hand Protection:

Avoid skin contact with hot material.

Wear appropriate gloves, such as Nomex, when handling this material to prevent thermal burns.

Skin Protection:

Avoid skin contact with hot material.

Respiratory Protection:

Under normal use conditions, airborne exposures are not expected to be significant enough to require respiratory protection.

Ingestion (Prevention):

Do not ingest.

Keep out of the reach of children.

Recommended Ventilation:

Use in a well-ventilated area.

Ingredient Exposure Data  
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ETHYLENE-VINYL ACETATE POLYMER (24937-78-8)

Specific Ingredient Data

No data available.

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

No data available.

HYDROCARBON RESIN (68132-00-3)

Specific Ingredient Data

No data available.

LD50 (rat, oral)

No data available.

LC50 (rat, inhalation/4 hours)

No data available.

Exposure Limits

No data available.

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9 Physical and Chemical Properties

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Physical form,Color,Odour:	Waxy solid; Solid adhesive in rods; translucent; Odourless; Molten state: pungent, resinous odour;
Odour Threshold:	No data available.
pH:	Not applicable
Boiling point/boiling range:	Not applicable
Melting point/melting range:	Not Available
Vapour pressure:	Nil
Water Solubility:	Nil
Specific gravity:	1.01 Water=1
Vapour density:	Nil
Volatile organic compounds:	◆ 0 gms/liter
Evaporation rate:	Not applicable
Viscosity:	Not applicable
Percent Volatile:	◆ 0 % by weight

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10 Stability and Reactivity

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Conditions to Avoid:  
Store away from heat;

Materials to Avoid:  
None known.

Hazardous Decomposition:  
Carbon monoxide - During Combustion;  
Carbon dioxide - During Combustion;

Stability and Reactivity:  
Stable. Hazardous polymerization will not occur.

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11 Toxicological Information

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Effects from Eye Contact:  
Vapours from heated material can cause eye irritation.  
Signs/symptoms can include redness, swelling, pain, tearing, and blurred or hazy vision.  
Thermal Burns: Signs/symptoms may include severe pain, redness and swelling, and tissue destruction.

Effects from Skin Contact:  
Thermal Burns: Signs/symptoms can include intense pain, redness and swelling, and tissue destruction.

Effects from Inhalation:  
Vapours from heated material may cause irritation of the respiratory system. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

Effects from Ingestion:

Physical Blockage: Signs/symptoms include cramping, abdominal pain, and constipation.

Sensitization Information:

No data available.

Carcinogenicity:

No data available.

Mutagenicity:

No data available.

Reproductive Effects:

No data available.

Component Based Information:

No data available.

Product Based Information:

No data available.

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12 Ecological Information

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Environmental Data:

Ecotoxicity Data:

Not determined.

Ecofate Data:

Not determined.

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13 Disposal Considerations

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Product as Sold:

Dispose of waste product in a sanitary landfill. Incinerate in an industrial or commercial facility in the presence of a combustible material. As a disposal alternative, incinerate in an industrial or commercial facility.

Product Packaging:

No data available.

Potential for Recycling:

Reclaim if feasible. If product can't be reclaimed, dispose of waste product in a sanitary landfill. Alternatively, incinerate the waste product in an industrial, commercial, or municipal incinerator.

Special Instructions:

Since regulations vary, consult applicable regulations or authorities before disposal.

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14 Transport Information

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Transportation of Dangerous Goods

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TDG Classification: Non-Regulated Material  
Special Information:: Contact 3M for more information.  
These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. 3M's transportation classifications are based on product formulation, packaging, 3M policies and 3M's understanding of applicable current regulations. 3M does not guarantee the accuracy of this classification information. This information applies only to transportation classification and not the packaging, labeling, or marking requirements. The original 3M package is certified for Canadian ground shipment only. If you are shipping by air or ocean, the package may not meet applicable regulatory requirements.

International Dangerous Goods Classification

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15 Regulatory Information

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WHMIS Classification: Not Controlled

NOTE:

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

Product Certifications:

The product on this MSDS, or all its components, is included on the following countries' chemical inventories, as noted:

AICS - Australian Inventory of Chemical Substances

DSL - Domestic Substances List (Canada)

CICS - Chinese Inventory of Chemical Substances

EINECS - European Inventory of Existing Commercial Chemical Substances

KECI - Korean Existing Chemicals Inventory

MITI - Ministry of International Trade and Industry (JAPAN)

PICCS - Philippines Inventory of Commercial Chemical Substances

TSCA - Toxic Substances Control Act (USA)

FDA - Food and Drug Administration Act

16 Other Information

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Reason for Reissue:

The following Sections and topics have been updated or revised:  
Added product id(s) to the MSDS;  
Section 4 - First Aid Measures;

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