

Safety Data Sheet

Product Name: Maxim Fast Set Epoxy Adhesive Cartridge

Product identifier: 100812

Revision Date: 06-16-2015

Replaces:



1. Identification

Product Name: Maxim Fast Set Epoxy Adhesive Cartridge
Product identifier: 100812
Relevant identified uses of the substance or mixture and uses advised against: Epoxy Adhesive

Chemical Manufacturer / Importer / Distributor: ITW Evercoat
a division of Illinois Tool Works Inc.
6600 Cornell Road
Cincinnati, OH 45242
513-489-7600
Emergency telephone number: CHEMTREC: 1-800-424-9300
CANUTEC: 1-613-996-6666

2. Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard Symbols:



GHS Classification: Skin Corrosion/Irritation Category 1B
Serious Eye Damage/Eye Irritation Category 1
Skin Sensitisation Category 1
Carcinogenicity Category 1A
Flammable Liquid Category 4

GHS Signal Word:

GHS Hazard Statements:

Danger
Combustible Liquid
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
May cause cancer.

GHS Precautionary Statements:

Safety Precautions:

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not breathe dust/fume/gas/mist/vapours/spray.

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First Aid Measures:

Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Contaminated work clothing should not be allowed out of the workplace.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.
IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.
Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Immediately call a POISON CENTER/doctor/....
Specific treatment (see on this label).
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
In case of fire: Use for extinction.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

Storage:

Disposal:

Hazards not otherwise classified:

No data available

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
n-Aminoethylpiperazine	140-31-8	7 - 15
Talc	14807-96-6	5 - 10
2,4,6-Tris[(Dimethylamino) Methyl] Phenol	90-72-2	1 - 5

the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

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4. First-aid measures

Eye Contact:	Use an eye wash to remove a chemical from your eye regardless of the level of hazard. Flush the affected eye for at least twenty minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical advice after flushing. Flush eyes gently with water for at least 15 minutes, lifting upper & lower eye lids. Seek immediate medical attention.
Skin Contact:	Wash with soap and water. Get medical attention if irritation develops or persists. Remove contaminated clothing and continue flushing with water. Wash affected area thoroughly with soap and water. Seek medical advice if symptoms persist
Inhalation:	Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. Remove person to fresh air. Seek immediate medical attention. If the victim has stopped breathing open airway, loosen collar and belt, and administer artificial respiration.
Ingestion:	Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this MSDS. Call a physician or poison control center immediately. Do not induce vomiting unless directed to do so by medical personnel.
Most important symptoms/effects (Delayed: Immediate medical attention and special treatment needed,):	Prolonged or repeated exposure may cause asthma and skin sensitization or other allergic response. No additional first aid information available

5. Fire-fighting measures

Suitable extinguishing media:	Use alcohol resistant foam, carbon dioxide, dry chemical, or water spray when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the fire. Do not direct a water stream directly into the hot burning liquid. Regular foam Carbon dioxide Dry chemical
Unsuitable extinguishing media:	No data available
Fire and/or Explosion Hazards:	Material may be ignited if preheated to temperatures above the flash point in the presence of a source of ignition.
Hazardous Combustion Products:	Carbon dioxide, Carbon monoxide, Ammonia, Nitrogen containing gases, oxide gas, Phenolic compounds, Hydrogen sulfide
Special protective equipment and precautions for fire-fighters:	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Water

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may be used to cool closed containers to prevent pressure build-up and possible auto ignition or explosion when exposed to extreme heat.

Wear a self contained breathing apparatus (NIOSH approved) with a full face piece operated in the positive pressure demand mode with appropriate turn-out gear and chemical resistant personal protective equipment.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Methods and material for containment and cleaning up:

No health affects expected from the clean-up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this MSDS

No special spill clean-up considerations. Collect and discard in regular trash. Shut off ignition sources; including electrical equipment and flames. Do not allow smoking in the area. All personnel in the area should be protected as in Section 8. Avoid breathing vapors. Use an inert absorbent such as sand or vermiculite. Place in properly labeled closed container.

7. Handling and storage

Precautions for safe handling:

Mildly irritating material. Avoid unnecessary exposure. All hazard precautions given in the data sheet must be observed. Do not get in eyes, on skin and clothing Wash hands before eating Use with adequate ventilation Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Do not take internally. Keep out of the reach of children.

Conditions for safe storage:

Store in a cool dry place. Isolate from incompatible materials. Store in a cool dry place Keep away from heat, sparks, and flame Avoid contact with incompatible materials.

Materials to Avoid/Chemical Incompatibility::

Oxidizing materials Acids Caustics (bases)

8. Exposure controls/personal protection

Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Talc	20 mppcf	2 mg/m ³	

Appropriate engineering controls.:

No exposure limits exist for the constituents of this product. General room ventilation might be required to maintain operator comfort under normal conditions of use. General or local

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ventilation or isolation may prove adequate to keep airborne exposures below exposure limits. Explosion proof exhaust ventilation should be used.

Eye Protection: Wear safety glasses when handling this product. Splash proof chemical goggles are recommended to protect against the splash of product.

Skin Protection: Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene and wear a barrier cream and/or impervious surgical style gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. Protective gloves and proper clothing should be worn to prevent skin contact.

Respiratory Protection: No respiratory protection required under normal conditions of use. Provide general room exhaust ventilation if symptoms of overexposure occur as explained Section III. A respirator is not normally required. Use a NIOSH approved respirator designed to remove particulate matter and organic solvent vapors.

Other Protective Equipment: Splash proof chemical goggles are recommended to protect against the splash of product. Protective gloves and proper clothing should be worn to prevent skin contact.

General Hygiene Conditions: All hazard precautions given in the data sheet must be observed. Do not get in eyes, on skin and clothing Wash hands before eating Use with adequate ventilation Avoid contact with material, avoid breathing dusts or fumes, use only in a well ventilated area. Do not take internally. Keep out of the reach of children.

9. Physical and chemical properties

Appearance (physical state):	Paste
Color:	Black
Odor:	No data available
Odor threshold:	No data available
pH:	No data available
Melting Point/Freezing Point (°C):	No data available
Initial Boiling Point and Boiling Range (°C):	181
Flash Point (°C):	93
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper Flammable/Explosive Limit:	6.5
Lower Flammable/Explosive Limit:	1.6
Vapor Pressure:	0.08 MMHG@20C/68F
Vapor Density:	Heavier than air. Vapors that evolve from this product will tend to settle and accumulate near the floor.
Relative Density:	Not determined

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Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	1.36
Auto-ignition Temperature (°C):	300 °C
Decomposition Temperature::	No data available
Viscosity:	No data available
VOC (as packaged-less exempts and water)	0.74 or 88
VOC (as applied* - 2% by wt hardener- less exempts and water)	0.74 or 88
Percent Solids by weight – as packaged	93.20
Percent Solids by weight – as applied* - 2% by wt hardener	93.20

10. Stability and reactivity

Reactivity:	No data available
Chemical 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. Contamination.
Incompatible materials:	Oxidizing materials Acids Caustics (bases)
Hazardous decomposition products:	Carbon dioxide Carbon monoxide Ammonia oxides of nitrogen Phenolic compounds Hydrogen sulfide

11. Toxicological information

Likely routes of exposure (inhalation, ingestion, skin and eye contact): Ingestion, Skin contact, Eye contact, Absorption

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation:	Can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache. Excessive inhalation of vapors may cause nasal and respiratory irritation, acute nervous system depression, fatigue, weakness, nausea, headache and dizziness.
Skin Contact:	Can cause minor skin irritation, defatting, and dermatitis.
Skin Absorption:	No absorption hazard in normal industrial use. Contact may cause irritation and possible dermatitis or sensitization.
Eye Contact:	Can cause minor irritation, tearing and reddening. Contact with liquid or vapor may result in irritation, redness, tearing, and blurred vision.
Ingestion Irritation:	Mildly irritating to mouth, throat, and stomach. Can cause abdominal discomfort. Causes gastrointestinal tract irritation, nausea, vomiting, diarrhea and possible ulcerations to mucous membranes. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.
Ingestion Toxicity:	

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Long-Term (Chronic) Health Effects:

Carcinogenicity: None of the substances have been shown to cause cancer in long term animal studies. Not a carcinogen according to NTP, IARC, or OSHA. The IARC has classified crystalline silica as a group 1 carcinogen (sufficient evidence of carcinogenicity in humans).

Reproductive and Developmental Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.

Inhalation: Upon prolonged and/or repeated exposure, can cause minor respiratory irritation, dizziness, weakness, fatigue, nausea, and headache.

Skin Contact: Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

Skin Absorption: Upon prolonged or repeated exposure, no hazard in normal industrial use.

Component Toxicology Data

Chemical Component	Oral LD50	Dermal LD50	Inhalation LC50
No data available			

Has the chemical been classified as a Carcinogen by NTP, IARC or OSHA.

Chemical Name	OSHA Carcinogen	IARC Carcinogen	NTP Carcinogen
No data available			

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): This material is not expected to be harmful to the ecology. This material is toxic to aquatic organisms and should not be released to sewage, draining systems or any body of water exceeding concentrations of approved limits under applicable regulations and permits.

Persistence and degradability: No data available

Mobility in soil: No data available

Other adverse effects (such as hazardous to the ozone layer): No data available

Ecological Toxicity Data

Chemical Component	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
No data available			

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13. Disposal considerations

Description of waste residues: Spent or discarded material may be a hazardous waste.
Safe Handling of Waste: This material as supplied, if discarded, would be regulated as a hazardous waste under RCRA (40 CFR 261).
Waste treatment methods (including packaging): Dispose of by incineration following Federal, State, Local, or Provincial regulations.

14. Transport information

UN proper shipping name: The DOT Classification for shipping is dependent on quantity, type of packaging (a kit may include other components), or method of shipment.

15. Regulatory information

TSCA Status: All components in this product are on the TSCA Inventory.

Regulated Components:

Chemical Component	CAS number and other unique identifiers	CERCLA	SARA EHS	SARA 313	California Prop 65
No data available					

16. Other information, including date of preparation or last revision.

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