

Safety Data Sheet

Product Name: Polyester Repair Kit - 2 fl. oz. Resin Gel

Product identifier: 108050

Revision Date: 12-14-2015

Replaces:



1. Identification

Product Name: Polyester Repair Kit - 2 fl. oz. Resin Gel
Product identifier: 108050
Relevant identified uses of the substance or mixture and uses advised against: Polyester Repair Paste

Other means of identification

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:

Reproductive Toxicity Category 1B
Specific Target Organ Systemic Toxicity (STOT) - Single Exposure Category 1
Specific Target Organ Systemic Toxicity (STOT) - Repeated Exposure Category 1
Skin Corrosion/Irritation Category 2
Serious Eye Damage/Eye Irritation Category 2A
Germ Cell Mutagenicity Category 2
Carcinogenicity Category 2
Hazardous to the aquatic environment - Acute Category 2
Flammable Liquid Category 3
Acute Toxicity - Inhalation Dust / Mist Category 4

GHS Signal Word:

Danger

GHS Hazard Statements:

Flammable liquid and vapour.
Causes skin irritation.
Causes serious eye irritation.
Harmful if inhaled.

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Suspected of causing genetic defects.
Suspected of causing cancer.
May damage fertility or the unborn child.
Causes damage to organs.
Causes damage to organs through prolonged or repeated exposure.
Toxic to aquatic life.

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.
Keep container tightly closed.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ventilating/lighting equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

First Aid Measures:

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: Call a POISON CENTER or doctor/physician.
IF exposed or concerned: Get medical advice/attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Get medical advice/attention if you feel unwell.
Specific treatment (see on this label).
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
In case of fire: Use for extinction.

Storage:

Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.

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Hazards not otherwise classified: No data available

3. Composition/information on ingredients

Chemical Component:	CAS number and other unique identifiers	% (or range) of ingredient
Styrene	100-42-5	15 - 40

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

4. First-aid measures

Eye Contact: Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.

Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

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

Ingestion: Do not induce vomiting and seek medical attention immediately. Drink two glasses of water or milk to dilute. Provide medical care provider with this MSDS.

Immediate medical attention and special treatment needed,: No additional first aid information available

5. Fire-fighting measures

Suitable extinguishing media: Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire. Carbon dioxide Alcohol foam Dry chemical

Unsuitable extinguishing media: No data available

Fire and/or Explosion Hazards: Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back.

Hazardous Combustion Products: Carbon dioxide, Carbon monoxide

Special protective equipment Do not enter fire area without proper protection including self-

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and precautions for fire-fighters:

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. Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

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. Evaporation of volatile substances can lead to the displacement of air creating an environment that can cause asphyxiation.

Methods and material for containment and cleaning up:

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.

7. Handling and storage

Precautions for safe handling:

Mildly irritating material. Avoid unnecessary exposure. Use spark-proof tools and explosion-proof equipment. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid breathing material. Minimize dust generation and accumulation.

Conditions for safe storage:

Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Keep away from sources of ignition. Keep container closed when not in use.

Materials to Avoid/Chemical Incompatibility::

Strong oxidizing agents Peroxides Strong acids Metals Acids

8. Exposure controls/personal protection

Limits:

Chemical Component	OSHA PEL	ACGIH TLV-TWA	ACGIH STEL
Styrene	100 ppm	20 ppm	40 ppm STEL; 170 mg/m ³ STEL

Appropriate engineering controls.:

No exposure limits exist for the constituents of this product. Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

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Eye Protection:	Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses. Wear goggles if dusts can reach the exposure limit. An eye wash station must be available where this product is used.
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.
Respiratory Protection:	Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator. Wear a NIOSH approved respirator if any exposure is possible.
Other Protective Equipment:	Wear goggles if dusts can reach the exposure limit. An eye wash station must be available where this product is used.
General Hygiene Conditions:	Use spark-proof tools and explosion-proof equipment. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Avoid breathing material. Minimize dust generation and accumulation.

9. Physical and chemical properties

Appearance (physical state):	Liquid
Color:	No data available
Odor:	Aromatic solvent odor
Odor threshold:	No data available
pH:	No data available
Melting Point/Freezing Point (°C):	No data available
Initial Boiling Point and Boiling Range (°C):	145
Flash Point (°C):	31
Evaporation Rate:	No data available
Flammability (solid, gas):	No data available
Upper Flammable/Explosive Limit:	6.1 %
Lower Flammable/Explosive Limit:	1.1 %
Vapor Pressure:	5 MMHG@20C/68F
Vapor Density:	No data available
Relative Density:	1010
Solubility(ies):	Insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition Temperature (°C):	490 °C

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Decomposition Temperature::	No data available
Viscosity:	No data available
VOC (as applied* - 2% by wt hardener- less exempts and water)	0.184 lb/gal or

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Stable under normal conditions.
Conditions to avoid:	Sparks, open flame, other ignition sources, and elevated temperatures. .
Incompatible materials:	Strong oxidizing agents Peroxides Strong acids Metals Acids

11. Toxicological information

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

Immediate (Acute) Health Effects by Route of Exposure:

Inhalation Irritation:	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache.
Inhalation Toxicity:	Harmful! Can cause systemic damage (see "Target Organs)
Skin Contact:	Can cause minor skin irritation, defatting, and dermatitis.
Eye Contact:	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
Ingestion Irritation:	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea.
Ingestion Toxicity:	Harmful if swallowed. May cause systemic poisoning.

Long-Term (Chronic) Health Effects:

Carcinogenicity:	Suspected of causing cancer.
Reproductive and Developmental Toxicity:	May damage fertility or the unborn child.
Mutagenicity:	Suspected of causing genetic defects.
Inhalation:	Upon prolonged and/or repeated exposure, can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Harmful! Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs)
Skin Contact:	Upon prolonged or repeated contact, can cause minor skin irritation, defatting, and dermatitis.

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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
Styrene	N	Y	Y

12. Ecological information

Ecotoxicity (aquatic and terrestrial, where available): Toxic to aquatic life.
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

Données sur l'écotoxicité

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

13. Disposal considerations

Description of waste residues: Spent or discarded material is a hazardous waste.
Waste treatment methods (including packaging): Dispose of by incineration following Federal, State, Local, or Provincial regulations.
Waste Disposal Code(s): D001

14. Transport information

UN number: No data available
UN proper shipping name: Not Regulated
Transport hazard class(es): No data available
Packing group: No data available

The shipper is responsible for following all applicable regulations. The transportation classification provided is based on ITW Evercoat original packaging, which is suitable for domestic ground transport only.

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15. Regulatory information

Statut TSCA: 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
Styrene	100-42-5	N	N	Y	N

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

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