

MATERIAL SAFETY DATA SHEET

Date Printed: 10/14/2004
 Product Code(s): 4152 A&B

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1. CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Kwik Set Seam Sealer Part A & B

Product Code(s): 4152

Manufacturer/Supplier: TRANSTAR AUTOBODY TECHNOLOGIES
 2040 Heiserman Dr.
 Brighton, MI, 48114, USA

24 Hour Emergency Phone(s): 800-424-9300 (CHEMTREC), 613-996-6666 (CANUTEC)

Business Phone: 810-220-3000

Product Use: Adhesive

MSDS Prepared By: Kent Lewis

2. COMPOSITION/INFORMATION ON INGREDIENTS

REPORTABLE COMPONENTS	CAS NUMBER	Vapor Pressure		WT. %
		mm Hg	@ TEMP	
PROPRIETARY MERCAPTAN POLYMER OSHA PEL: N/E, ACGIH TLV: NE, OTHER NE LD50: 2.6G/KG:RAT-ORL	TRADE SECRET	N/D	N/A	35-45
SILICA DIOXIDE OSHA PEL: 6 MG/M3, ACGIH TLV: 10 MG/M3 OTHER: N.E., LD50: >10,000 MG/KG:RAT-ORL LD50: >5000 MG/KG (RABBIT) DERMAL	112945-52-5	N/A		3-8
REACTION PRODUCT OF EPICHLOROHYDRIN-BISPHENOL A OSHA PEL: N/E, ACGIH TLV: N/E, OTHER: N/E LD50: NA, LC50: N/A	25085-99-8	N/A		35-50
BISPHENOL A MODIFIED EPOXY RESIN OSHA PEL: N/E, ACGIH TLV: N/E, OTHER: N/E LD50: >4 G/KG: RAT-ORL, LD50: >2 G/KG RAB-DER	TRADE SECRET	N/A		1-10
2,4,6-TRI (DIMETHYLAMINOMETHYL) PHENOL OSHA PEL: N/E, ACGIH TLV: N/E, OTHER: N/E LD50: 1670 MG/KG: RAT-ORL, LC50: N/E LD50: 1242 MG/KG (RABBIT) DERMAL	90-72-2	<0.01	70F	3-10
CARBON BLACK OSHA PEL: 3.5 MG/M3, ACGH TLV: N/E, OTHER N/E LD50: NA, LC50: N/A	1333-86-4	N/D	N/A	0-1
TITANIUM DIOXIDE OSHA PEL: 15MG/M3, ACGH TLV: 10 MG/M3 OTHER: N/E, LD50: >25 G/KG: RAT-ORL LC50: 6.82 MG/L (4 HR): RAT-INH	13463-67-7	N/A		0-1
POLYHYDROXYCARBOXYLIC ACID AMIDES SOLUTION OSHA PEL: 100 PPM, ACGIH TLV: 100PPM, OTHER: N/E. LD50: >2500 MG/KG: RAT-ORL	TRADE SECRET	5mm	70F	0-2

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3. HAZARDS IDENTIFICATION

CAUTION! IRRITANT.

HMIS Hazard Ratings: Health =2*, Flammability =1, Chemical Reactivity =1

Note: HMIS ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

Potential Health Effects

Eyes: Mildly irritating.

Skin: slight irritation to the skin. Prolonged contact with this product can cause reddening, swelling, rash scalling or blistering.

Inhalation: May result in irritation of the nose, throat and respiratory tract.

Ingestion: Moderate irritation to the digestive tract. Contains epoxies, which, when combined with an activator generate heat and odor and solidify. No toxicity data is found, but may cause irritation of the mouth and throat, esophagus and gastrointestinal system.

4. FIRST AID MEASURES

Seek professional medical attention for all over-exposures and/or persistent problems. Epoxy systems solidify rapidly with high generation of heat. For eye contact or ingestion seek immediate medical attention.

Eyes Contact: Flush eyes with clean water for a minimum of 15 minutes. Seek medical attention. If eyes are closed DO NOT attempt to pry open. Flush outside of eyes with large amounts of water for 15 minutes. Seek immediate professional medical attention.

Skin Contact: Wash exposed area thoroughly with soap and water. If body parts are bonded together or to an object DO NOT attempt to pry apart. Seek professional medical attention immediately.

Inhalation: Remove person from area to fresh air. If breathing difficulty persists, seek medical attention.

Ingestion: DO NOT INDUCE VOMITTING. Seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Flammable Properties

Flash Point: >200°F Method: NA
Upper Explosive Limit (UEL): n/a

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Lower Explosive Limit (LEL): n/a
Autoignition Temperature: No data

Extinguishing Media: Foam, Alcohol Foam, CO2, Dry Chemical, Water Fog, Other.

Special Firefighting Procedures: Full fire fighter equipment including SCBA should be worn to avoid skin contact and inhalation of concentrated vapors. Minimize skin exposure. Highly toxic fumes may be generated by thermal decomposition.

Hazardous Combustion Products: HES, amines, Carbon monoxide, carbon dioxide, oxides of nitrogen, hydrogen sulfide, and oxides of sulfur.

Unusual Fire and Explosion Hazards: Closed containers may explode when exposed to extreme heat or burst when contaminated with water (CO2 gas evolved). Hazards apply to empty containers. Combustion generates toxic fumes. Epoxy systems solidify rapidly when combined and generate high temperatures.

6. ACCIDENTAL RELEASE MEASURES

For large spills or transportation accidents involving release of this product, contact the Emergency Response Center: 800-424-9300.

Allow material to solidify and scrape up. Dispose of in accordance with all applicable federal, state and local regulations

7. HANDLING AND STORAGE

Use in cool, well-ventilated areas. Keep containers closed when not in use. Keep away from incompatibles. Keep away from excessive and open flames. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Store in a cool area away from heat and flames. Do not reuse container when empty.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name/Exposure Limits	CAS Number

See Section 2

Engineering Controls: Use with adequate ventilation. If normal ventilation is not adequate use an exhaust fan.

Respiratory Protection: Utilize engineering controls to reduce emission levels below the time weighted exposure limits (ACGIH TLV & OSHA PEL). Wear an approved respirator if exposure limits are above the exposure limits listed above.

Eye Protection: Use safety glasses or splash goggles.

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Skin Protection: Use chemical resistant gloves.

Safe Work Practices: Eye washes and safety showers in the workplace are recommended. Avoid contact with skin and eyes. Avoid breathing vapors. Wash hands thoroughly after using and before eating, drinking or smoking. Employee education and training in the safe use and handling of this product is required under the OSHA Hazard Communication Standard 29CFR1200. Always use protective clothing and equipment. Remove all contaminated clothing and wash thoroughly when finished working. Keep food and drink away from material and from area where material is being used.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: Homogeneous mixture
Physical State: Paste
Color: Black/White, Gray when mixed
Odor: Characteristic epoxy odor.
Odor Threshold: No Data
Specific Gravity (water=1) 1.18
Vapor Pressure: No data
Vapor Density: Heavier than air
Material VOC: <0.05 lb/gl 0 g/l
Coating VOC: 0.00 lb/gl 0 g/l
Evaporation Rate: N/A
Boiling Point: No data
Melting Point: No data
Freezing Point: No data
Viscosity at Ambient Temperature: No data
Solubility in Water: Insoluble
Octanol/Water Partition Coefficient: No data
pH: No data

10. STABILITY AND REACTIVITY

Stability: Stable

Incompatibility: acids, strong oxidizing agents, amines and hot epoxy resin systems (Mercaptan).

Hazardous Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Effects of Exposure:

ACUTE:

INHALATION - Dizziness, breathing difficulty, headaches, & loss of coordination.

EYE CONTACT - Moderate irritation, tearing, redness, and blurred vision.

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SKIN CONTACT - Moderate irritation with redness, itching, possible swelling, and dermatitis. Possible skin sensitizer.

INGESTION - Can cause gastrointestinal irritation, vomiting, nausea, & diarrhea.

CHRONIC: No chronic health effects known.

Acute Toxicity Data: No data.

Carcinogenicity: NTP -No, IARC -No, OSHA -No
This product has not been tested for carcinogenic effects. Some chemicals in this product may be identified by NTP, IARC and/or OSHA as carcinogenic, indicated above as "Yes". No further information available

Teratology: No data.

Reproduction: No data.

Mutagenicity: No data.

12. ECOLOGICAL INFORMATION

No data.

13. DISPOSAL CONSIDERATIONS

Subject to hazardous waste generation, treatment, storage and disposal under RCRA, 40CFR261. Product should be disposed of in accordance with all Federal, State and local regulations.

14. TRANSPORT INFORMATION

The following transportation information is provided based on Transtar Autobody Technologies interpretation of shipping regulations. Each shipper is responsible for identifying, naming, marking and labeling prior to offering for transport.

USA (DOT) Status: Not regulated

Water (IMDG) Status: Not regulated

Air (ICAO,IATA) Status: Not regulated

Canada (TDG) Status: Not regulated

15. REGULATORY INFORMATION

The information listed in this section is not all inclusive of all regulations for this product or the chemical components of this product.

US Federal Regulations

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TSCA Status: All known major components of this product are listed on the TSCA Inventory and/or are otherwise in compliance with TSCA

SARA 302 (EHS) Status: No EHS chemicals present.

SARA 311/312 Status: Delayed Health Hazard

SARA 313 Status: *** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

OSHA Status: This material meets the requirement of hazardous material and is subject to 29CFR1910.1200.

USA State Information

California Proposition 65: This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm. May contain trace amounts of Phenyl Glycidyl Ether (122-60-1), Benzene (71-43-2), and Toluene (108-88-3).

International Regulations

Canada

DSL Status: All known major components of this product are listed on the DSL Inventory and/or are otherwise in compliance with the DSL.

WHMIS: B3

EINECS Status: Not all components of this material are listed on the EINECS Inventory.

16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate, obtained from sources believed by Transtar Autobody Technologies to be accurate. As with all chemicals, KEEP AWAY FROM CHILDREN AND ANIMALS. FOR PROFESSIONAL USE ONLY. The hazard information contained herein is offered solely for the consideration of the user, subject to his own investigation and verification of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.
