

MI3500 ADHESIVE

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: 2 K PSA Hybrid Adhesive

Product Code: **MI3500**

Manufacturer or supplier's details

Company : Matter Surfaces
Address : 179 Campanelli Parkway
Stoughton MA 02072
Telephone : 800-628-7462

Toll Free Emergency Phone Number (CHEMTREC): 1-800-424-9300

Local Emergency Phone Number (CHEMTREC): 1-703-527-3887

Recommended use of the chemical and restrictions on use

Recommended use : Epoxy resin

Restrictions on use : For industrial use only.

SECTION 2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance	liquid
Color	blue
Odor	characteristic

GHS Classification

Skin irritation : Category 2
Eye irritation : Category 2A
Skin sensitization : Category 1

GHS label elements



Hazard pictograms :

Signal word : Warning

Hazard Statements: H315 causes skin irritation.
H317 May cause an allergic skin reaction.
H319 causes serious eye irritation.

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Precautionary Statements: *Prevention:* P261 Avoid breathing mist or vapors. P264 Wash skin thoroughly after handling. P272 Contaminated work clothing must not be allowed out of the workplace. P280 Wear protective gloves/ eye protection/ face protection. ***Response:*** P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

IARC

No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical name	CAS-No.	Concentration [%]
Epoxy resin	25085-99-8	90 - 100

Actual concentration is withheld as a trade secret.

SECTION 4. FIRST AID MEASURES

General advice

: Show this material safety data sheet to the doctor in attendance.

If inhaled

: Move to fresh air. If not breathing, give artificial respiration. Keep patient warm and at rest. Consult a physician after significant exposure.

In case of skin contact

: Take off all contaminated clothing immediately. Wash off immediately with soap and plenty of water. Call a physician if irritation develops or persists. Wash contaminated clothing before re-use.

In case of eye contact

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If swallowed	<p>: Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention. Protect unharmed eye.</p> <p>: If swallowed, call a poison control center or doctor immediately. Do NOT induce vomiting.</p> <p>If victim is full conscious, give a cupful of water.</p> <p>If possible drink milk afterwards.</p>
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SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Specific extinguishing methods:	
Further information:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Special protective equipment for fire-fighters:	Wear an approved positive pressure self-contained breathing apparatus in addition to standard fire fighting gear.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	: Refer to protective measures listed in sections 7 and 8.
Environmental precautions	<p>: Prevent product from entering drains.</p> <p>Do not flush into surface water or sanitary sewer system.</p>
Methods and materials for containment and cleaning	: Soak up with inert absorbent material. Shovel into suitable container for disposal.

SECTION 7. HANDLING & STORAGE

Local/Total Ventilation	: Use only with adequate ventilation.
Advice on safe handling	<p>: Wear personal protective equipment.</p> <p>Do not get on skin or clothing.</p> <p>Use only in an area equipped with a safety shower.</p>
Conditions for safe storage	: Keep containers tightly closed in a dry, cool and well-ventilated place.
Materials to avoid	: No special restrictions on storage with other products.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ingredients with workplace control parameters

Contains no substances with occupational exposure limit values.

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Personal protective equipment

Respiratory protection	: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines.
Filter type	: Combined particulates and organic vapor type.
Hand protection material	: butyl-rubber
Eye protection	: Safety glasses, face-shield, ensure that eyewash stations and safety showers are close to the workstation location.
Skin and body protection	: Long sleeved clothing. Chemical resistant apron.
Protective measures	: Avoid contact with skin.
Hygiene measures	: Avoid contact with skin, eyes and clothing.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Liquid
Color	: Yellow
Odor	: characteristic
Odor Threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: Is not determined
Boiling point/boiling range	: Is not determined
Flash point	: Is not determined
Evaporation rate	: Is not determined
Flammability (solid, gas)	: Not classified as a flammability hazard
Upper explosion limit	: Upper flammability limit is not determined
Lower explosion limit	: Lower flammability limit is not determined
Vapor pressure	: Is not determined
Density	: 0.96 – 1.02 g/cm ³
Solubility(ies)	
Water solubility	: Is not determined
Partition coefficient: noctanol/water	: No data available
Autoignition temperature	: Is not determined
Viscosity, kinematic	: Is not determined

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SECTION 10. STABILITY AND REACTIVITY

Chemical stability : The product is chemically stable.

Hazardous decomposition products : Stable under normal conditions.

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute oral toxicity : Acute toxicity estimate :> 5,000 mg/kg

Method : Calculation method

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

No data available

Other Adverse Effects

No data available

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues

: To the best of our knowledge this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

SECTION 14. TRANSPORT INFORMATION

International Regulations

UNRTDG

Not regulated as a dangerous good

IATA-DGR

Not regulated as a dangerous good

IMDG-Code

Not regulated as a dangerous good

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic Regulation

49 CFR

Not regulated as a dangerous good.

SECTION 15. REGULATORY INFORMATION

SARA 311/312 Hazards

: Serious eye damage or eye irritation

SARA 302

: This material does not contain any components with a section 302 EHS TPQ.

SARA 313

: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

US State Regulations

California Prop 65

Please contact Supplier for more information.

The ingredients of this product are reported in the following inventories:

TSCA

All substances listed as active on the TSCA inventory

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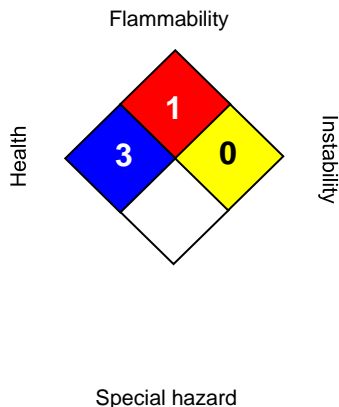
Inventories Legend TSCA (USA), DSL (Canada), REACH(Europe), AICS (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

SECTION 16. OTHER INFORMATION

Prepared by: Technical Support Department – phone 800-628-7462

Further information

NFPA:



HMIS III:

HEALTH	3
FLAMMABILITY	1
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

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