

Section 1: Identification
Product Identifiers

Product name **Krazy Fix CLEAR**
 Product number **KF201**

Recommended use of & restrictions on use
 Adhesive

Emergency telephone number

CHEMTREC (800) 424-9300

Manufacturer's Information

Manufacturer's Name

Toagosei America Inc.
 1450 West Main Street
 West Jefferson, OH 43162

Telephone: (614) 879-9411

Section 2 – Hazard Identification

Classification of the substance or mixture

Classification according to 1910.1200:

Flammable Liquid	Category 2
Serious eye damage/eye irritation	Category 1
Hazard to aquatic environment, acute	Category 2

Label Elements



Pictograms

Signal word Danger

Hazard statements

Highly flammable liquid and vapor
 Causes skin Irritation.

Precautionary statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces – No smoking
 Wash thoroughly after handling
 Wear protective gloves/protective clothing/eye protection/face protection
 IF exposed or concerned: Get medical advice/attention
 Store in a well ventilated place. Keep cool
 Dispose of contents/container in accordance with local/national/international rules
Storage
 Store in a well-ventilated place. Keep container tightly closed. Store locked up.

Disposal

Dispose of contents/ container to an approved waste disposal plant.

Hazards not otherwise classified

Not applicable, none known.

Section 3 – Composition/Information on Ingredients

Chemical Name	CAS Number	Concentration %
Hexane	110-54-3	30-40
Styrene Butadiene Rubber	9003-55-8	20-30
C5 Resin	Trade Secret	20-30
Organic silane	Trade Secret	<1
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	2082-79-3	<1

Section 4 – First-Aid Measures

General advice

Product may give off vapors in appreciable quantities affecting the inhalation route. Ensure proper ventilation.

Notable Exposure symptoms

May cause drowsiness or dizziness. Headache, nausea, or vomiting may occur if appreciable quantities are ingested - seek medical attention immediately.

If ingested

Rinse mouth. Seek immediate medical attention.

If inhaled

Remove to fresh air. Obtain medical attention if asthma-like symptoms or other symptoms develop.

Eye contact

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention if irritation develops or persists.

Skin contact

Take off immediately all contaminated clothing. Rinse with water thoroughly. Get medical advice if irritation develops or persists.

Additional Info

Observe for any symptoms for several hours after exposure. Follow up with medical attention if symptoms develop.

Section 5 – Fire-Fighting Measures

General Info

Product contains flammable solvents. Direct water spray may spread fire. Isolate any uncompromised product from area if possible. Do not breath fumes.

Extinguishing media

Carbon dioxide (CO₂), dry chemical, foam. Firefighters should wear self-contained breathing apparatus (SCBA) and full protective equipment.

Specific hazards during firefighting

Do not allow run-off from fire fighting to enter drains or water courses.

Further information

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Special hazards arising from the chemical

In the event of fire, wear self-contained breathing apparatus.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Avoid breathing vapors. Ventilate area if easy to do so. Contact local authorities if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Environmental precautions

Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment

Large Spills: Contain actively spilling material if safe and easy to do so. Dike the spilled material, where this is possible. Utilize absorbent clay or sand to contain and stop spreading material.

Small Spills: Utilize absorbent clay or sand and transfer to waste receptacles.

Cleanup

Collect all contaminated clay, media, or other cleanup materials into a waste receptacle. If cleaning surface is necessary, utilize mineral spirits or other solvents, provided adequate ventilation is available.

Other information

Comply with all applicable federal, state, and local regulations.

Section 7 – Handling and Storage

Safe Handling Precautions

Do not handle until all safety precautions have been read and understood. Do not handle near an open flame or sources of ignition. Ensure adequate ventilation. Take precautionary measures against static discharges. Avoid breathing vapors. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. Wear appropriate personal protective equipment.

Recommendations for Storage

Store in cool area in product container away from sources of ignition or flame.

Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Observe label precautions.

Incompatibilities

Keep away from heat, sparks, flame and other ignition sources.

Section 8 – Exposure Controls/Personal Protection

General Exposure guidelines

Local exhaust ventilation should be utilized to control vapors / substances below exposure limits. Eye wash facilities must be available when handling this product.

Personal protective equipment

Work Clothing : Protective work clothing which covers skin and prevents exposures.

Respiratory Protection: Utilize organic vapor respirator if airborne levels are not maintained below exposure limits, or if ventilation is inadequate.

Eye protection : Wear safety goggles or face shield.

Skin and body protection : Wear as appropriate:
Impervious clothing
Safety shoes
Solvent resistant gloves
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Discard gloves that show tears, pinholes, or signs of wear.
Wear resistant gloves (consult your safety equipment supplier).

Hygiene measures : Wash hands before breaks and at the end of workday.

Engineering measures

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Section 9 – Physical and Chemical Properties

- | | |
|---------------------------------------|------------------------------------------------------------------------|
| a) Physical state : Paste | h) Boiling point/boiling range : 68.7°C |
| b) Appearance : Clear | i) Flash point : -20°C |
| c) Odor : Slightly Solvent | j) Specific gravity : 0.9 |
| d) pH : No data available | k) Water solubility : Insoluble |
| e) Freezing point : No data available | l) Upper/Lower Flammability or
Explosive Limits : No data available |
| f) Melting point : -95°C | |
| g) Viscosity : 800 cSt | |

Section 10 – Stability and Reactivity

General

This product is stable and non-reactive under normal conditions of use. Solvent vapors will evaporate from exposed material. Product is not subject to hazardous polymerization. Avoid open flame and ignition sources.

Hazardous decomposition products

No decomposition products known. Toxic substances may be released in the event of a fire.

Section 11 – Toxicological Information

General

Contains solvents which may be harmful in contact with skin or if inhaled.

Information on likely routes of exposure

Inhalation, Skin contact, Eye Contact, Ingestion

Toxicological Information

Product has not been tested. Solvent vapors may cause drowsiness or dizziness. Prolonged inhalation may be harmful to human health. Irritating in case of skin or eye contact. May be harmful if swallowed or in contact with skin.

Acute toxicity

Product contains organic solvents which may have deleterious effects on aquatic organisms. Avoid release to aquatic ecosystem.

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Hexane	N/A	N/A	N/A
Styrene Butadiene Rubber	N/A	N/A	N/A
C5 Resin	N/A	N/A	N/A
Organic silane	N/A	N/A	N/A
Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate	N/A	N/A	N/A

Section 12 – Ecological Information

Ecotoxicity – No data available.

Persistence and degradability – No data available. Contained solvents are expected to degrade rapidly in the environment.

Bioaccumulative potential – No data available. Product contains organic solvents / oils which may uptake into biological tissue.

Mobility in soil – No data available.

Other adverse effects – No data available.

Section 13 – Disposal Considerations

General advice

Dispose of in accordance with all applicable local, state and federal regulations.
Consult with waste contractor. Contains low levels of flammable solvents.
Do not dispose of waste into sewer.
Do not contaminate ponds, waterways or ditches with chemical or used container.

Send to a licensed waste management company.

Contaminated packaging

Treat empty containers with extra care, as residual solvents may pose ignition hazard.
Consult waste contractor.
Empty remaining contents.
Dispose of as unused product.
Empty containers should be taken to an approved waste handling site for recycling or disposal.
Do not re-use empty containers.

Section 14 – Transport Information

DOT

UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

IMO/IMDG

UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

IATA

UN 1133, Hazard Class 3 Packing Group II, Less than 1 Liter ORM-D Consumer Commodity

Section 15 – Regulatory Information

TSCA All components listed on the TSCA 8(b) inventory

SARA 311/312 (Immediate, delayed, Fire)

SARA 313 Subject to reporting requirements of the United States SARA section 313

Section 16 – Other Information

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