



Safety Data Sheet

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product identifier

Product name: Amine epoxy adduct
Substance name: Technicure™ LC-80D
EC Number: Polymer

Relevant identified uses of the substance or mixture and uses advised against

Relevant Identified uses Adhesive

Relevant_uses advised against: None known

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SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

Physical and Chemical Hazards	Not classified.	Practical experience / human evidence
Human health Skin Irrit. 2 - H315;		Test Data
Eye Dam. 1 - H318		Practical experience / human evidence
Environment Not classified.		Practical experience / human evidence

Additional Information

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Label elements GHS05



Product Identifier

Signal Word

Danger

Hazard Statements

H315	Causes skin irritation.
H318	Can cause serious eye damage.

Supplementary Precautionary Statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P362	Take off contaminated clothing and wash before reuse.

Other hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substances

<u>Product name</u>	<u>CAS No.</u>	<u>EC. No.</u>	<u>% WT</u>
Amine epoxy adduct	Blend	Polymer	>98.5%
Silica	7631-86-9	231-545-4	<1.5%

SECTION 4: FIRST AID MEASURES

Description of first aid measures

- Inhalation:** Move into fresh air and keep at rest. When breathing is difficult, properly trained personnel may assist affected person by administering 100% oxygen.
- Ingestion:** Immediately rinse mouth and drink plenty of water (200-300 ml). Induce vomiting, if person is conscious. Get medical attention if any discomfort continues.
- Skin contact:** Remove contaminated clothes and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.
- Eye contact:** Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention immediately. Continue to rinse.

Most important symptoms and effects, both acute and delayed

- Inhalation:** Dust may irritate throat and respiratory system and cause coughing.
- Ingestion:** May cause stomach pain or vomiting. Diarrhoea. Dizziness.
- Skin contact:** Irritating and may cause redness and pain. Blistering may occur.
- Eye contact:** Risk of serious damage to eyes.

SECTION 5: FIREFIGHTING MEASURES

Extinguishing media: Dry chemicals. Water spray, fog or mist. Water spray should be used to cool containers.

Unsuitable extinguishing media: None known.

Special hazards arising from the substance or mixture

Hazardous combustion products

Fire and high temperatures cause the polymers to decompose. Smoke may be dense and contain polymer fragments as well as toxic and or irritating compounds. Fire or high temperatures create: Oxides of: Carbon. Nitrogen.

Unusual Fire & Explosion Hazards

Containers can burst violently when heated, due to excess pressure build-up. Cool containers exposed to flames with water until well after the fire is out.

Specific hazards None known.

Advice for firefighters

Special Fire Fighting Procedures
 Keep run-off water out of sewers and water sources. Dike for water control.
 Protective equipment for fire-fighters
 Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of dust and contact with skin and eyes. In case of inadequate ventilation, use respiratory protection. Do not smoke, use open fire or other sources of ignition.

Environmental precautions

Do not discharge into drains, water courses or onto the ground.

Methods and material for containment and cleaning up

Collect with absorbent, non-combustible material into suitable containers. Dispose of waste and residues in accordance with local authority requirements. Flush area with plenty of water. Keep run-off water out of sewers and water sources. Dike for water control.

Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

If ventilation is insufficient, suitable respiratory protection must be provided. Avoid inhalation of dust and contact with skin and eyes.

Conditions for safe storage, including any incompatibilities:

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure controls: Protective equipment



Engineering measures: Provide adequate general and local exhaust ventilation.

Respiratory equipment: No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m³.

Hand protection: Use protective gloves.

Eye protection: Wear approved safety goggles.

Other Protection: Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures: Wash contaminated clothing before reuse. Use appropriate skin cream to prevent drying of skin. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Powder, dust
Colour	Yellow.
Odour	Amine.
Solubility	Insoluble in water
Melting point (°C)	100
Flash point (°C)	>300

SECTION 10: STABILITY AND REACTIVITY

Reactivity: No specific reactivity hazards associated with this product.

Chemical stability: Stable under normal temperature conditions and recommended use.

Possibility of hazardous reactions:

Hazardous Polymerisation: Will not polymerise.

Conditions to avoid: Avoid exposure to high temperatures or direct sunlight. Water, moisture.

Incompatible materials

Materials To Avoid: Strong acids. Strong alkalis. Strong oxidising substances.

Hazardous decomposition products

Fire and high temperatures cause the polymers to decompose. Smoke may be dense and contain polymer fragments as well as toxic and or irritating compounds. Fire or high temperatures create: Oxides of: Carbon. Nitrogen.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on toxicological effects

Inhalation: Dust may irritate throat and respiratory system and cause coughing.

Ingestion: May cause stomach pain or vomiting. Diarrhoea. Dizziness.
Skin contact: Irritating and may cause redness and pain. Blistering may occur.
Eye contact: Risk of serious damage to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

LC 50, 96 Hrs, Fish mg/l >46 mg/l (Leuciscus idus)

Persistence and degradability

Degradability No data available.

Bioaccumulative potential

No data available on bioaccumulation.

Mobility in soil:

The product is insoluble in water and will sediment in water systems.

Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Other adverse effects: Not determined.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Dispose of waste and residues in accordance with local authority requirements.

Waste treatment methods

Incinerate with adequate scrubbing and ash disposal.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture**Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

EU Legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Issued By Compliance department.
Revision Date 5/18/15

Risk Phrases In Full

R38 Irritating to skin.
R41 Risk of serious damage to eyes.

Hazard Statements In Full

H315 Causes skin irritation.
H318 Causes serious eye damage.

DISCLAIMER:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. ACCI Specialty Materials., shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.