SAFETY DATA SHEET
FLI3 - Clear
Component A

Hybrid Epoxy-Acrylate Flooring/Coating

IDENTIFICATION OF SUBSTANCE

1.1 Identification of the substance or preparation:

Trade name FLI3 (Component A)

1.2 Use of the substance / preparation.
Coating for indoor application

The final product is epoxy-acrylate that is formed by the reaction between epoxy resin, acrylic ester and amines during hardening at low temperature (up to +2°C).

1.3 Company/undertaking identification
Hybrid Coating Technologies
950 John Daly Blvd.
Suite 260 Daly City, CA 94015
p. +1 (650)491-3449 | f. + 1 (650)755-3362
Email: info@hybridcoatingtech.com

2. COMPOSITION/INFORMATION ON INGREDIENTS:
Chemical characterization:
Hybrid epoxy-acrylate composition.

Dangerous components:

<table>
<thead>
<tr>
<th>CAS/EINECS</th>
<th>Dangerous components</th>
<th>Hazard symbol</th>
</tr>
</thead>
<tbody>
<tr>
<td>025068-38-6</td>
<td>Oligomer of epichlorhydrin and</td>
<td>Xi R36/38,</td>
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</table>
Additional information:
For the wording of the listed risk phrases refer to section 15.

3. HAZARDS IDENTIFICATION

EC-Classification: IRRITANT, DANGEROUS FOR THE ENVIRONMENT

Irritating to eyes and skin. May cause skin sensitization on contact. Toxic to aquatic organisms and may cause long-term adverse effects to the aquatic environment if disposed in non-polymerized form.

The classification is acc. Annex I 67/548/EEC and 1999/45/EC. It is expanded, by information from literature.

4. FIRST AID MEASURES

General information: Remove immediately all contaminated clothing.

Inhalation: Remove patient from exposure. Obtain medical attention if ill effects occur.

Skin contact: Wash skin immediately with plenty of water and soap and rinse thoroughly.
Eye contact:
Irrigate with eyewash solution or clean water, holding the eyelids apart, for at least 10 minutes. Obtain medical attention if ill effects persist.

Ingestion:
Provided the patient is conscious, wash out mouth with water and give plenty of water to drink. Obtain immediate medical attention if ill effects occur.

Further medical treatment:
Symptomatic treatment and supportive therapy as indicated.

5. FIRE FIGHTING MEASURES

Extinguishing media:
Water spray, foam, dry powder or CO₂.

Fire fighting protective equipment:
A self-contained breathing apparatus and full protective clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

Ensure suitable personal protection during removal of spillages (including respiratory protection). Ensure adequate ventilation.

Prevent entry into drains, water streams and soil. Spillages or uncontrolled discharges into water streams must be alerted to the appropriate regulatory body.

Adsorb spillages using sand, earth or any suitable adsorbent material. Transfer to a container with lid for disposal or recovery.

7. HANDLING AND STORAGE
Handling:
Avoid contact with skin and eyes. Avoid inhalation of high concentrations of vapors. Use only in well ventilated areas. When using do not eat, drink or smoke.

Storage:
Keep in a well ventilated place. Protect from frost. Keep away from heat and direct sunlight. Keep away from acids.

Further information about storage conditions:
Keep container tightly sealed.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

The following information is given as general guidance:
Respirators:
Wear suitable respiratory protective equipment if exposure to high levels is likely. A suitable mask with filter type A may be appropriate. In the event of formation of particularly high levels of vapour a self-contained breathing apparatus may be appropriate.

Eye Protection: Safety glasses / Full-face shield.

Gloves:
Wear suitable gloves. The most appropriate glove will depend on consideration of a number of factors including the physical strength of the glove, the degree of manual dexterity required, and the amount of permeation through the glove material and perhaps the cost of the glove. Butyl and nitrile rubber gloves offer protection if the thickness is 0.4 mm or thicker. Gloves should be changed regularly.
and if excessive exposure has occurred. Further information is available from glove manufacturers.

Other:
Wear suitable protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form: Liquid
Color: Clear
Odor: Characteristic
Melting point/Melting range: Not determined
Boiling point/Boiling range: >150°C
Flash point: 177-190 °C
Danger of explosion: not applicable
Density: 1.1-1.2 g/cm3 at 25°C
Solubility: slightly soluble
Viscosity dynamic: 600-800 cps at 25°C

10. STABILITY AND REACTIVITY

No decomposition if stored according to specifications.
Dangerous reactions:
Exothermic reaction with strong acids.

Hazardous decomposition products:
Carbon monoxide, carbon dioxide, nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

LD50 oral:
>5000 mg/kg rat (25085-99-8 Polymer of epichlorhydrin and bisphenol)

LD50 dermal:
>2000 mg/kg rabbit (25085-99-8 Polymer of epichlorhydrin and bisphenol)
Skin contact:
Irritating to skin. May cause skin sensitization on contact.

Eye contact:
Irritating to eyes.

Additional toxicological information:
The health hazard assessment is based on a consideration from the composition of this product and testing data.

12. ECOLOGICAL INFORMATION:
Toxicity
Toxic to aquatic organisms and may cause long-term adverse effects to the aquatic environment if disposed in non-polymerized form.

Lasting and degradation:
Not readily biodegradable.

General
Prevent entry into drains, water streams and soil.

13. DISPOSAL CONSIDERATIONS
Recommendation for the product:
Where possible recycling is preferred to disposal. Disposal should be in accordance with local, state or national legislation.

European waste catalogue:
08 01 11: WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) of paint and varnish containing solvents or other dangerous substances.

Using of uncleaned packaging:
Empty containers should be taken for local recycling, recovery or waste disposal

14. TRANSPORT INFORMATION
UN-Number: 3082
Packaging group: III

Road/Rail
ADR/RID Class: 9
Kemler Number: 90
Label 9
Identification: 3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID

Sea
IMDG Class: 9
UN Number: 3082
Label: 9
Packaging group: III
Marine pollutant: no
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID

Air
ICAO/IATA Class: 9
UN/ID Number: 3082
Label: 9
Packaging group: III
Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID

15. REGULATORY INFORMATION

Hazard symbol:
Xi Irritant,
N Dangerous for the environment
Risk phrases.

R36/38 Irritating to eyes and skin.
R38 Irritating to skin.
R43 May cause sensitization by skin contact.
R51/53 Toxic to aquatic organisms may cause long-term adverse effects in the aquatic environment.

Safety phrases.

S28 After contact with skin, wash immediately with plenty of soap and water.
S36/S37 Wear suitable protective clothing and gloves.

16. OTHER INFORMATION
These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.