Printing date 06/06/2016 Reviewed on 07/25/2013

### 1 Identification

- · Product identifier EPOXY- White, Gray, Black, Red
- · Trade name: 6600, 6610, 6620, 6630 EPOXY
- Details of the supplier of the safety data sheet
- Manufacturer/Supplier:

Southern Polyurethanes, Inc.

P.O. Box 1300

BLAIRSVILLE, GA 30514

USA

bkives@windstream.net

· Information department:

Product safety department.

706-781-2220 Normal business hours.

Barry@kives.net

· Emergency telephone number:

24 HOUR EMERGENCY CALL- CHEMTREC @ 1-800-424-9300 USA

INTERNATIONAL CALL (703) 527-3887

### 2 Hazard(s) identification

Classification of the substance or mixture



GHS02 Flame

Flam. Liq. 2 H225 Highly flammable liquid and vapor.



GHS08 Health hazard

Carc. 2 H351 Suspected of causing cancer.



GHS09 Environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



GHS07

Skin Sens. 1 H317 May cause an allergic skin reaction.

Aquatic Acute 2 H401 Toxic to aquatic life.

- · Label elements
- · GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).
- · Hazard pictograms









GHS02

GHS07

GHS08

GHS09

(Contd. on page 2)

(Contd. of page 1)

## Safety Data Sheet acc. to OSHA HCS

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Trade name: 6600, 6610, 6620, 6630 EPOXY

· Signal word Danger

#### · Hazard-determining components of labeling:

titanium dioxide

UV

4-methylpentan-2-one

Carbon black

#### · Hazard statements

Highly flammable liquid and vapor.

May cause an allergic skin reaction.

Suspected of causing cancer.

Toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

#### · Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

*Use explosion-proof electrical/ventilating/lighting/equipment.* 

Avoid breathing dust/fume/gas/mist/vapors/spray

Wear protective gloves / eye protection / face protection.

Ground/bond container and receiving equipment.

Keep container tightly closed.

Use only non-sparking tools.

Avoid release to the environment.

Take precautionary measures against static discharge.

Contaminated work clothing must not be allowed out of the workplace.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

IF exposed or concerned: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

*In case of fire: Use for extinction: CO2, powder or water spray.* 

Collect spillage.

Store locked up.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

- Classification system:
- · NFPA ratings (scale 0 4)



Health = 0

Fire = 3

Reactivity = 0

#### · HMIS-ratings (scale 0 - 4)



Health = 0

Fire = 3

- · Other hazards
- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.

(Contd. on page 3)

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Trade name: 6600, 6610, 6620, 6630 EPOXY

· vPvB: Not applicable.

(Contd. of page 2)

### 3 Composition/information on ingredients

- · Chemical characterization: Mixtures
- · Description: Mixture of the substances listed below with nonhazardous additions.

| · Dangerous | ous components:                   |        |  |
|-------------|-----------------------------------|--------|--|
|             | Epoxy Resin Blend (Muilti)        | 30.0%  |  |
| 540-88-5    | tert-butyl acetate                | 29.93% |  |
| 1330-20-7   | xylene                            | 8.0%   |  |
| 7779-90-0   | 0 trizinc bis(orthophosphate) 4.3 |        |  |
| 13463-67-7  | titanium dioxide                  | 4.14%  |  |
| 67-63-0     | propan-2-ol                       | 2.75%  |  |
| 108-10-1    | 4-methylpentan-2-one              | 2.01%  |  |
| 67-64-1     | acetone                           | 2.01%  |  |
| 41556-26-7  | UV                                | 1.71%  |  |
| 108-65-6    | 2-methoxy-1-methylethyl acetate   | 1.5%   |  |
| 1333-86-4   | Carbon black                      | 1.0%   |  |

### 4 First-aid measures

- · Description of first aid measures
- · General information: Immediately remove any clothing soiled by the product.
- · After inhalation:

Supply fresh air and to be sure call for a doctor.

*In case of unconsciousness place patient stably in side position for transportation.* 

- · After skin contact: Immediately wash with water and soap and rinse thoroughly.
- · After eye contact: Rinse opened eye for several minutes under running water.
- · After swallowing: If symptoms persist consult doctor.
- · Information for doctor:
- · Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### 5 Fire-fighting measures

- Extinguishing media
- · Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

- · For safety reasons unsuitable extinguishing agents: Water with full jet
- · Special hazards arising from the substance or mixture No further relevant information available.
- · Advice for firefighters
- · Protective equipment: No special measures required.

US

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(Contd. of page 3)

#### 6 Accidental release measures

· Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

· Environmental precautions:

Do not allow product to reach sewage system or any water course.

Inform respective authorities in case of seepage into water course or sewage system.

Do not allow to enter sewers/surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to item 13.

Ensure adequate ventilation.

· Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7 Handling and storage

- · Handling:
- Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Open and handle receptacle with care.

Prevent formation of aerosols.

· Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Keep respiratory protective device available.

- · Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and receptacles: Store in a cool location.
- · Information about storage in one common storage facility: Not required.
- · Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

· Specific end use(s) No further relevant information available.

## 8 Exposure controls/personal protection

- · Additional information about design of technical systems: No further data; see item 7.
- · Control parameters
- · Components with limit values that require monitoring at the workplace:

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

| 540-88 | 540-88-5 tert-butyl acetate         |  |  |
|--------|-------------------------------------|--|--|
| PEL    | Long-term value: 950 mg/m³, 200 ppm |  |  |
| REL    | Long-term value: 950 mg/m³, 200 ppm |  |  |

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|        | (Contd. of page 4                                     |
|--------|---|
| TLV    | Short-term value: 712 mg/m³, 150 ppm                  |
|        | Long-term value: 238 mg/m³, 50 ppm                    |
| 1330-2 | 20-7 xylene   |
| PEL    | Long-term value: 435 mg/m³, 100 ppm                   |
| REL    | Short-term value: 655 mg/m³, 150 ppm                  |
|        | Long-term value: 435 mg/m³, 100 ppm                   |
| TLV    | Short-term value: 651 mg/m³, 150 ppm                  |
|        | Long-term value: 434 mg/m³, 100 ppm<br>BEI            |
| 67-63- | -0 propan-2-ol  |
| PEL    | Long-term value: 980 mg/m³, 400 ppm                   |
| REL    | Short-term value: 1225 mg/m³, 500 ppm                 |
|        | Long-term value: 980 mg/m³, 400 ppm                   |
| TLV    | Short-term value: 984 mg/m³, 400 ppm                  |
|        | Long-term value: 492 mg/m³, 200 ppm                   |
|        | BEI   |
| 108-10 | 0-1 4-methylpentan-2-one                              |
| PEL    | Long-term value: 410 mg/m³, 100 ppm                   |
| REL    | Short-term value: 300 mg/m³, 75 ppm                   |
|        | Long-term value: 205 mg/m³, 50 ppm                    |
| TLV    | Short-term value: 307 mg/m³, 75 ppm                   |
|        | Long-term value: 82 mg/m³, 20 ppm                     |
| (5.4)  | BEI   |
|        | -1 acetone  |
| PEL    | Long-term value: 2400 mg/m³, 1000 ppm                 |
| REL    | Long-term value: 590 mg/m³, 250 ppm                   |
| TLV    | Short-term value: 1187 mg/m³, 500 ppm                 |
|        | Long-term value: 594 mg/m³, 250 ppm                   |
| 100 (  | BEI   |
|        | 5-6 2-methoxy-1-methylethyl acetate                   |
|        | L Long-term value: 50 ppm                             |
|        | 86-4 Carbon black                                     |
| PEL    | Long-term value: 3.5 mg/m <sup>3</sup>                |
| REL    | Long-term value: 3.5* mg/m³                           |
|        | *0.1 in presence of PAHs;See Pocket Guide Apps.A+C    |
| TLV    | Long-term value: 3* mg/m³                             |
|        | *inhalable fraction                                   |
|        | dients with biological limit values:                  |
|        | 20-7 xylene   |
|        | 1.5 g/g creatinine                                    |
|        | Medium: urine   |
|        | Time: end of shift<br>Parameter: Methylhippuric acids |
| Γ      | Contd. on page 6                                      |
|        | (Conta. on page o                                     |

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(Contd. of page 5)

#### 67-63-0 propan-2-ol

BEI 40 mg/L

Medium: urine

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

#### 108-10-1 4-methylpentan-2-one

BEI 1 mg/L

Medium: urine *Time: end of shift* Parameter: MIBK

#### 67-64-1 acetone

BEI 50 mg/L

Medium: urine Time: end of shift

Parameter: Acetone (nonspecific)

- · Additional information: The lists that were valid during the creation were used as basis.
- · Exposure controls
- · Personal protective equipment:
- · General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Store protective clothing separately.

#### Breathing equipment:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### · Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

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· Eye protection:



Tightly sealed goggles

(Contd. of page 6)

| Physical and chemical propert                                | ties  |
|--|---|
| Information on basic physical and c                          | chemical properties   |
| General Information  |   |
| Appearance:  |   |
| Form:  | Liquid  |
| Color:   | Dark<br>Characteristic  |
| Odor: Odor threshold:  | Not determined.   |
|  | Not determined.   |
| pH-value:  | Noi determined.   |
| Change in condition  | Undetermined  |
| Melting point/Melting range:<br>Boiling point/Boiling range: | Undetermined.<br>97 °C (207 °F)   |
|  |   |
| Flash point:   | 15 °C (59 °F)   |
| Flammability (solid, gaseous):                               | Not applicable.   |
| Ignition temperature:  | 500 °C (932 °F)   |
| Decomposition temperature:                                   | Not determined.   |
| Auto igniting:   | Product is not selfigniting.  |
| Danger of explosion:   | Product is not explosive. However, formation of explosive air/vapmixtures are possible. |
| Explosion limits:  |   |
| Lower:   | 1.1 Vol %   |
| Upper:   | 7.0 Vol %   |
| Vapor pressure at 20 °C (68 °F):                             | 41 hPa (31 mm Hg)   |
| Density at 20 °C (68 °F):                                    | 1.381 g/cm³ (11.524 lbs/gal)  |
| Relative density   | Not determined.   |
| Vapor density  | Not determined.   |
| Evaporation rate   | Not determined.   |
| Solubility in / Miscibility with                             |   |
| Water:   | Not miscible or difficult to mix.   |
| Partition coefficient (n-octanol/wate                        | er): Not determined.  |
| Viscosity:   |   |
| Dynamic:   | Not determined.   |
| Kinematic:   | Not determined.   |
| Solvent content:   |   |
| Organic solvents:  | 46.8 %  |

(Contd. on page 8)

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Trade name: 6600, 6610, 6620, 6630 EPOXY

|                                      | (Contd. of page                                      |
|--------------------------------------|--|
| VOC content:                         | 14.9 %<br>205.3 g/l / 1.71 lb/gl                     |
| Solids content:<br>Other information | 53.8 %<br>No further relevant information available. |

## 10 Stability and reactivity

- · Reactivity No further relevant information available.
- Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products: No dangerous decomposition products known.

### 11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:

| · LD/LC50 1                    | · LD/LC50 values that are relevant for classification: |                      |  |  |
|--------------------------------|--|----------------------|--|--|
| ATE (Acute Toxicity Estimates) |  |                      |  |  |
| Oral                           | LD50   | 35376 mg/kg (rat)    |  |  |
| Dermal                         | LD50   | 25000 mg/kg (rabbit) |  |  |
| Inhalative                     | LC50/4 h   | 58.5 mg/l            |  |  |
| 1330-20-7                      | 1330-20-7 xylene                                       |                      |  |  |
| Oral                           | LD50   | 4300 mg/kg (rat)     |  |  |
| Dermal                         | LD50   | 2000 mg/kg (rabbit)  |  |  |
| Inhalative                     | LC50/4 h   | 11 mg/l (ATE)        |  |  |
| 7779-90-0                      | 7779-90-0 trizinc bis(orthophosphate)                  |                      |  |  |

- Primary irritant effect:
- · on the skin: No irritant effect.

LD50

- · on the eye: No irritating effect.
- · Sensitization: Sensitization possible through skin contact.

>5000 mg/kg (rat)

· Additional toxicological information:

The product shows the following dangers according to internally approved calculation methods for preparations:

Irritant

Oral

· Carcinogenic categories

| · IARC (International Agency for Research on Cancer) |                     |    |
|--|---------------------|----|
| 14807-96-0   | Talc (Mg3H2(SiO3)4) | 3  |
| 1330-20-   |                     | 3  |
| 13463-67-  | titanium dioxide    | 2B |
| 67-63-   | propan-2-ol         | 3  |
| 0, 05  | (Cont.) on          | T. |

(Contd. on page 9)

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Trade name: 6600, 6610, 6620, 6630 EPOXY

|              |   | (Contd. of page 8 |
|--------------|---|-------------------|
| 108-10-1     | 4-methylpentan-2-one                          | 2B                |
| 1309-37-1    | diiron trioxide                               | 3                 |
| 1333-86-4    | Carbon black                                  | 2B                |
| 1330-20-7    | Xylol, Isomerengemisch (wenn Flammpunkt<21°C) | 3                 |
| · NTP (Natio | nal Toxicology Program)                       |                   |
| None of the  | ingredients is listed.                        |                   |
| · OSHA-Ca (  | Occupational Safety & Health Administration)  |                   |
| None of the  | ingredients is listed.                        |                   |

### 12 Ecological information

- · Toxicity
- · Aquatic toxicity: No further relevant information available.
- · Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- · Mobility in soil No further relevant information available.
- Ecotoxical effects:
- · Remark: Toxic for fish
- · Additional ecological information:
- · General notes:

Water hazard class 2 (Self-assessment): hazardous for water

Do not allow product to reach ground water, water course or sewage system.

Danger to drinking water if even small quantities leak into the ground.

Also poisonous for fish and plankton in water bodies.

Toxic for aquatic organisms

- · Results of PBT and vPvB assessment
- · **PBT:** Not applicable.
- · vPvB: Not applicable.
- · Other adverse effects No further relevant information available.

## 13 Disposal considerations

- · Waste treatment methods
- · Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- · Uncleaned packagings:
- · Recommendation: Disposal must be made according to official regulations.

### 14 Transport information

- · UN-Number
- · DOT, ADR, IMDG, IATA

UN1993

(Contd. on page 10)

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Trade name: 6600, 6610, 6620, 6630 EPOXY

|                                      | (Contd. of page  |
|--------------------------------------|--|
| UN proper shipping name              |  |
| DOT                                  | Flammable liquids, n.o.s. (Butyl acetates, Epoxy Resin Blei                              |
|                                      | (Muilti))  |
| ADR                                  | 1993 Flammable liquids, n.o.s. (Butyl acetates, Epoxy Resin Blei                         |
| HADC                                 | (Muilti)), ENVIRONMENTALLY HAZARDOUS   |
| IMDG                                 | FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES, Epoxy Res                                      |
| IATA                                 | Blend (Muilti)), MARINE POLLUTANT<br>FLAMMABLE LIQUID, N.O.S. (BUTYL ACETATES, Epoxy Res |
| IATA                                 | Blend (Muilti))  |
| Transport hazard class(es)           | 2.6.1(   |
| DOT                                  |  |
| <i>b</i> 01                          |  |
|                                      |  |
| RAMMABLE LIQUID                      |  |
| 3                                    |  |
| Class                                | 3 Flammable liquids  |
| Label                                | 3  |
| ADR, IMDG                            |  |
| A                                    |  |
| AL.                                  |  |
|                                      |  |
| 3                                    |  |
| Class                                | 3 Flammable liquids  |
| Label                                | 3  |
| IATA                                 |  |
|                                      |  |
|                                      |  |
|                                      |  |
| 3                                    |  |
| Class                                | 3 Flammable liquids  |
| Label                                | 3  |
| Packing group                        |  |
| DOT, ÅDR, ÍMDG, IATA                 | II   |
| Environmental hazards:               | Product contains environmentally hazardous substances: trizi                             |
|                                      | bis(orthophosphate)  |
| Marine pollutant:                    | No   |
| ~                                    | Symbol (fish and tree)   |
| Special marking (ADR):               | Symbol (fish and tree)   |
|                                      | Warning: Flammable liquids   |
| Special precautions for user         | 33   |
| Danger code (Kemler):                |  |
| Danger code (Kemler):<br>EMS Number: | <i>F-E,<u>S-E</u></i>  |
| Danger code (Kemler):                |  |
| Danger code (Kemler):<br>EMS Number: | F-E, <u>S-E</u><br>B   |

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Trade name: 6600, 6610, 6620, 6630 EPOXY

|                                     | (Contd. of page 10                                 |
|-------------------------------------|--|
| · Transport/Additional information: |  |
| · DOT                               |  |
| · Quantity limitations              | On passenger aircraft/rail: 5 L                    |
|                                     | On cargo aircraft only: 60 L                       |
| · ADR                               |  |
| · Excepted quantities (EQ)          | Code: E2   |
|                                     | Maximum net quantity per inner packaging: 30 ml    |
|                                     | Maximum net quantity per outer packaging: 500 ml   |
| · IMDG                              |  |
| Limited quantities (LQ)             | IL   |
| Excepted quantities (EQ)            | Code: E2   |
|                                     | Maximum net quantity per inner packaging: 30 ml    |
|                                     | Maximum net quantity per outer packaging: 500 ml   |
| · UN "Model Regulation":            | UN 1993 FLAMMABLE LIQUIDS, N.O.S. (BUTYL ACETATES  |
| <u> </u>                            | EPOXY RESIN BLEND (MUILTI)), 3, II, ENVIRONMENTALL |
|                                     | HAZARDOUS  |

# 15 Regulatory information

· Safety, health and environmental regulations/legislation specific for the substance or mixture

· Sara

| · Section 35.                      | 5 (extremely hazardous substances):             |  |  |  |
|------------------------------------|---|--|--|--|
| None of the ingredients is listed. |   |  |  |  |
| · Section 31.                      | Section 313 (Specific toxic chemical listings): |  |  |  |
| 1330-20-7                          | xylene  |  |  |  |
| 7779-90-0                          | trizinc bis(orthophosphate)                     |  |  |  |
| 67-63-0                            | propan-2-ol                                     |  |  |  |
| 108-10-1                           | 4-methylpentan-2-one                            |  |  |  |
| 1330-20-7                          | Xylol, Isomerengemisch (wenn Flammpunkt<21°C)   |  |  |  |
| · TSCA (Tox                        | cic Substances Control Act):                    |  |  |  |
| 540-88-                            | -5 tert-butyl acetate                           |  |  |  |
| 14807-96-                          | -6 Talc (Mg3H2(SiO3)4)                          |  |  |  |
| 1330-20-                           | 7 xylene  |  |  |  |
| 7779-90-                           | trizinc bis(orthophosphate)                     |  |  |  |
| 13463-67-                          | -7 titanium dioxide                             |  |  |  |
| 67-63-                             | -0 propan-2-ol                                  |  |  |  |
| 108-10-                            | -1 4-methylpentan-2-one                         |  |  |  |
| 67-64-                             | -1 acetone                                      |  |  |  |
| 41556-26-                          | -7 UV   |  |  |  |
| 108-65-                            | 6 2-methoxy-1-methylethyl acetate               |  |  |  |
| 1309-37-                           | -1 diiron trioxide                              |  |  |  |
| 1333-86-                           | 4 Carbon black                                  |  |  |  |
|                                    | (Contd. on page 12)                             |  |  |  |

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(Contd. of page 11) 104810-47-1 | alpha-3-(2H-Benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyl)-omega-3-(3-(2H-benzotriazol-2-yl)-5-tert-butyl-4-hydroxyphenyl)propionyloxypoly(oxyethylen) 1330-20-7 Xylol, Isomerengemisch (wenn Flammpunkt<21°C) Proposition 65 · Chemicals known to cause cancer: 13463-67-7 titanium dioxide 108-10-1 4-methylpentan-2-one 1333-86-4 Carbon black · Chemicals known to cause reproductive toxicity for females:

None of the ingredients is listed.

Chemicals known to cause reproductive toxicity for males:

None of the ingredients is listed.

Chemicals known to cause developmental toxicity:

108-10-1 4-methylpentan-2-one

· Carcinogenic categories

| · EPA (Envi | · EPA (Environmental Protection Agency)       |   |  |  |  |
|-------------|---|---|--|--|--|
| 1330-20-7   | xylene  | I |  |  |  |
| 7779-90-0   | 79-90-0 trizinc bis(orthophosphate)           |   |  |  |  |
| 108-10-1    | 4-methylpentan-2-one                          | I |  |  |  |
| 67-64-1     | acetone                                       | I |  |  |  |
| 1330-20-7   | Xylol, Isomerengemisch (wenn Flammpunkt<21°C) | I |  |  |  |

| · TLV (Threshold Limit Value established by ACGIH) |   |    |
|--|---|----|
| 14807-96-6   | Talc (Mg3H2(SiO3)4)                           | A4 |
| 1330-20-7  | xylene  | A4 |
| 13463-67-7   | titanium dioxide                              | A4 |
| 67-63-0  | propan-2-ol                                   | A4 |
| 67-64-1  | acetone                                       | A4 |
| 1309-37-1  | diiron trioxide                               | A4 |
| 1333-86-4  | Carbon black                                  | A4 |
| 1330-20-7  | Xylol, Isomerengemisch (wenn Flammpunkt<21°C) | A4 |

| · NIOSH-Ca (National Institute for Occupational Safety and Health) |                  |  |
|--|------------------|--|
| 13463-67-7   | titanium dioxide |  |
| 1333-86-4  | Carbon black     |  |

• GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms









GHS02

GHS07

GHS08

GHS09

· Signal word Danger

· Hazard-determining components of labeling: titanium dioxide

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Printing date 06/06/2016 Reviewed on 07/25/2013

Trade name: 6600, 6610, 6620, 6630 EPOXY

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UV

4-methylpentan-2-one

Carbon black

#### · Hazard statements

Highly flammable liquid and vapor.

May cause an allergic skin reaction.

Suspected of causing cancer.

Toxic to aquatic life.

Toxic to aquatic life with long lasting effects.

#### · Precautionary statements

Keep away from heat/sparks/open flames/hot surfaces. No smoking.

*Use explosion-proof electrical/ventilating/lighting/equipment.* 

Avoid breathing dust/fume/gas/mist/vapors/spray

Wear protective gloves / eye protection / face protection.

Ground/bond container and receiving equipment.

Keep container tightly closed.

Use only non-sparking tools.

Avoid release to the environment.

Take precautionary measures against static discharge.

Contaminated work clothing must not be allowed out of the workplace.

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Specific treatment (see on this label).

Wash contaminated clothing before reuse.

IF exposed or concerned: Get medical advice/attention.

If skin irritation or rash occurs: Get medical advice/attention.

*In case of fire: Use for extinction: CO2, powder or water spray.* 

 $Collect\ spillage.$ 

Store locked up.

Store in a well-ventilated place. Keep cool.

Dispose of contents/container in accordance with local/regional/national/international regulations.

· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

# 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- · **Department issuing SDS:** Product safety department.
- · Contact: Mr. Barry Kives
- · Date of preparation / last revision 06/06/2016 / -
- · Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

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# Safety Data Sheet acc. to OSHA HCS

Printing date 06/06/2016 Reviewed on 07/25/2013

Trade name: 6600, 6610, 6620, 6630 EPOXY

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit REL: Recommended Exposure Limit

BEI: Biological Exposure Limit
Flam. Liq. 2: Flammable liquids – Category 2
Skin Sens. 1: Skin sensitisation – Category 1
Carc. 2: Carcinogenicity – Category 2

Aquatic Acute 2: Hazardous to the aquatic environment - acute aquatic hazard – Category 2 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2