

Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier

· Trade name: SU-8 TF 6000 Series Resists

· Article number: Y143007, Y143010, Y143015, Y143027, Y143037, Y143051, Y143061

• 1.2 Relevant identified uses of the substance or mixture and uses advised against No further relevant information available.

• Sector of Use SU16 Manufacture of computer, electronic and optical products, electrical equipment

• **Product category** PC30 Photo-chemicals

· Application of the substance / the mixture Photoresist

· 1.3 Details of the supplier of the safety data sheet

• Manufacturer/Supplier: Manufacturer: Kayaku Advanced Materials 200 Flanders Road Westborough, MA 01581 Telephone: (617) 965-5511 Fax: (617) 965-5818

Importer: A-Gas Electronic Materials Unit 3, IO Centre Swift Valley Rugby, Warwickshire CV21 ITW, UK Tel: +44-0-1788-537535 Fax: +44-0-1788-535835 Website: www.agasem.com Email: customerservice.em@agas.com

 Further information obtainable from: Product Safety
 Email: productsafety@kayakuam.com
 1.4 Emergency telephone number:

Kayaku Advanced Materials : 617-965-5511 Chemtrec USA Emergency : 800-424-9300 (24 hr) Chemtrec International Emergency : 703-527-3887 (24 hr)

SECTION 2: Hazards identification

• 2.1 Classification of the substance or mixture • Classification according to Regulation (EC) No 1272/2008

flame

Flam. Liq. 3 H226 Flammable liquid and vapour.

Corrosion

Eye Dam. 1 H318 Causes serious eye damage.

(Contd. on page 2)

⁻ GB

GB



Safety data sheet according to UK REACH

Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

Trade name: SU-8 TF 6000 Series Resists

smoking.P261Avoid breathing dust/fume/gas/mist/vapours/spray.P280Wear protective gloves/protective clothing/eye protection/face protection/hearing protectionP301+P310IF SWALLOWED: Immediately call a POISON CENTER/ doctor.P302+P352IF ON SKIN: Wash with plenty of soap and water.P304+P341IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a post comfortable for breathing.P305+P351+P338IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing.P333+P313If skin irritation or rash occurs: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internation		(Contd. of pa
 Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H336 May cause drowsiness or dizziness. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Will Start Control (C) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Will Start Control (C) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Will Start Control (C) No 1272/2008 GHS02 GHS05 GHS07 Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone I-Methoxy-2-propanol acetate Hazard statements H1206 Flammable liquid and vapour. H315 Causes and invitation. H317 May cause an allergic skin reaction. H316 May cause an allergic skin reaction. H317 May cause an allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause an allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause an allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H318 P310 IF SWALLOWED: Immediately call	\wedge	
 Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H336 May cause drowsiness or dizziness. 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Will Start Control (C) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Will Start Control (C) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Will Start Control (C) No 1272/2008 GHS02 GHS05 GHS07 Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone I-Methoxy-2-propanol acetate Hazard statements H1206 Flammable liquid and vapour. H315 Causes and invitation. H317 May cause an allergic skin reaction. H316 May cause an allergic skin reaction. H317 May cause an allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause an allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause an allergic skin reaction. H317 May cause and allergic skin reaction. H316 May cause and allergic skin reaction. H317 May cause and allergic skin reaction. H318 P310 IF SWALLOWED: Immediately call		
 Skin Sens. 1 H317 May cause an allergic skin reaction. STOT SE 3 H336 May cause drowsiness or dizziness. 2.2 Lubel elements Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Will State and Control (C) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Will State and Control (C) No 1272/2008 GHS02 GHS05 GHS07 Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H1226 Flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H317 May cause an allergic skin reaction. H316 May cause and other ignition sources smoking. P200 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Arvid breathing dust/fiume/gax/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P302+P332 IF ON SKIN: Wash with helpen yo soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a post comfortable for breathing. P305+P331+P338 IF IN EYES: Kinse cautiously with water for several minutes. Remove contact lens present and easy to do. Continue rinsing. P33+P313 If skin irritation or rash occurs: Get medical advice/attention. P33+P313 If skin irritation or rash occurs: Get medical advice/attention.<!--</td--><td>Skin Irrit. 2 H.</td><td>315 Causes skin irritation.</td>	Skin Irrit. 2 H.	315 Causes skin irritation.
STOT SE 3H336 May cause drowsiness or dizziness.2.2 Label elementsLabelling according to Regulation (EC) No 1272/2008The product is classified and labelled according to the GB CLP regulation.Hazard pictograms \overbrace{Out} \overbrace{Out} \overbrace{Out} \overbrace{Out} $\overbrace{GHS02}$ GHS05GHS02GHS05GHS02GHS05GHS02GHS07Signal word DangerHazard-determining components of labelling: Epoxy resin gamma-ButyrolactoneHazard statementsH226 Flammable liquid and vapour.H315 Causes serious eye damage.H317 May cause an allergic skin reaction.H318 Causes serious eye damage.H317 May cause drowsiness or dizziness.Precautionary statementsP261Avoid breathing dust/fume/gas/mist/vapours/spray.P280Wear protective gloves/protective clothing/eye protection/face protection/hearing protect.P301+P310IF SWALLOWED: Immediately call a POISON CENTER doctor.P302+P352IF ON SKIN: Wash with plenty of soap and water.P304+P341IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens present and easy to do. Continue rinsing.P33+P313If sev inritation or rash occurs: Get medical advice/attention.P37+P313If eye irritation pressits: Get medical advice/attention.P3		
 2.2 Label elements Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Hazard pictograms Hazard pictograms GHS02 GHS05 GHS07 Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos confortable for breathing. P333+P313 If Strike S: Rise cautiously with water for several minutes. Remove contact lenss present and easy to do. Continue rinsing. P333+P313 If severitation persists: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca doxide. P403+P235 Store in a well-ventilated place. Keep cool. P370+P378 Store in a well-ventilated place. Keep cool. P370+P378 Dispose of contents/container in accordance with local/regional/national/internati regulations. 		
Labelling according to Regulation (EC) No 1272/2008 The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Image: Construct is classified and labelled according to the GB CLP regulation. Hazard pictograms Image: Construct is classified and labelled according to the GB CLP regulation. Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H326 Flammable liquid and vapour. H315 Causes skin irritation. H336 May cause an allergic skin reaction. H336 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/hearing protect. P304+P310 IF SWALLOWED: Immediately call a POISON CENTER doctor. P304+P311 IF IN NEXES: Rise cautiously with water for several minutes. Remove contact lens. present and easy to do. Continue rinsing. present and easy to do. Continue rinsing. P33+P313		
The product is classified and labelled according to the GB CLP regulation. Hazard pictograms Image: Construct of the text of the text of the text of tex of text of text of text of tex of text of		
Harard pictograms View GHS02 GHS02 GHS05 Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H316 Causes serious eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clohing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF IN EYES: Rinse cautionsly with water for several minutes. Remove contact lenss present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P37+P313 If eye irritation persists: Get medical advice/attention. P37+P313 If eye invitation or cash oc		
View View View View GHS02 GHS05 GHS07 Signal word Danger Hazard-determining components of labelling: Epoxy resin Hazard-determining components of labelling: Epoxy resin gamma-Butyvolactone 1-Methoxy-2-propanol acetate Hazard statements H206 H226 Flammable liquid and vapour. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H318 Causes or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/filme/gas/mist/vapours/spray. P280 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P351 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P37+P313 If eye irritation persists: Get medical advice/attention. P37+P313 If eye irritation persists: Get medical advice/attention.		
Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens. present and easy to do. Continue rinsing. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool.	Hazara piciogra	ums -
Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens. present and easy to do. Continue rinsing. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool.		
Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens. present and easy to do. Continue rinsing. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool.	< १४) \ ∠	
Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens. present and easy to do. Continue rinsing. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool.	\checkmark	
Signal word Danger Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H318 Causes serious eve damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens. present and easy to do. Continue rinsing. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool.	GHS02 GHS	305 GHS07
Hazard-determining components of labelling: Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H318 Causes drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protective 300+P310 P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenst present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P301 Dispose of contents/container in accordance with l		
Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P260 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internati regulations.	Signal word Da	nger
Epoxy resin gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P260 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internati regulations.	Hazard-determ	ning components of labelling:
gamma-Butyrolactone 1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protective gloves/protective clothing/eye protection/face protection/hearing protective gloves/protective clothing/eye protection for the in a pos comfortable for breathing. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca divide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/int		
1-Methoxy-2-propanol acetate Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internatir regulations.		actone
Hazard statements H226 Flammable liquid and vapour. H315 Causes skin irritation. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lens. present and easy to do. Continue rinsing. P337+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations.		
 H226 Flammable liquid and vapour. H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenst present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/international/inte		
 H315 Causes skin irritation. H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/international/internation. 		
H318 Causes serious eye damage. H317 May cause an allergic skin reaction. H336 May cause drowsiness or dizziness. Precautionary statements P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking. P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protect. P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations.		
H336 May cause drowsiness or dizziness.Precautionary statementsP210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking.P261Avoid breathing dust/fume/gas/mist/vapours/spray.P280Wear protective gloves/protective clothing/eye protection/face protection/hearing protectP301+P310IF SWALLOWED: Immediately call a POISON CENTER/ doctor.P302+P352IF ON SKIN: Wash with plenty of soap and water.P304+P341IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing.P305+P351+P338IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing.P33+P313If skin irritation persists: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internati regulations.	H318 Causes se	rious eye damage.
Precautionary statementsP210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking.P261Avoid breathing dust/fume/gas/mist/vapours/spray.P280Wear protective gloves/protective clothing/eye protection/face protection/hearing protectP301+P310IF SWALLOWED: Immediately call a POISON CENTER/ doctor.P302+P352IF ON SKIN: Wash with plenty of soap and water.P304+P341IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing.P305+P351+P338IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing.P333+P313If skin irritation or rash occurs: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internati regulations.		
P210Keep away from heat, hot surfaces, sparks, open flames and other ignition sources smoking.P261Avoid breathing dust/fume/gas/mist/vapours/spray.P280Wear protective gloves/protective clothing/eye protection/face protection/hearing protectP301+P310IF SWALLOWED: Immediately call a POISON CENTER/ doctor.P302+P352IF ON SKIN: Wash with plenty of soap and water.P304+P341IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing.P305+P351+P338IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing.P333+P313If skin irritation or rash occurs: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internation		
smoking.P261Avoid breathing dust/fume/gas/mist/vapours/spray.P280Wear protective gloves/protective clothing/eye protection/face protection/hearing protectP301+P310IF SWALLOWED: Immediately call a POISON CENTER/ doctor.P302+P352IF ON SKIN: Wash with plenty of soap and water.P304+P341IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a pos comfortable for breathing.P305+P351+P338IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing.P333+P313If skin irritation or rash occurs: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internati regulations.		
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a poss comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 	P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources
 P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a possion comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 		
 P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a post comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Cadioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 		
 P302+P352 IF ON SKIN: Wash with plenty of soap and water. P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a post comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing. P333+P313 If skin irritation or rash occurs: Get medical advice/attention. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 		
 P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a post comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense 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. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Cadioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internation regulations. 		
comfortable for breathing.P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense present and easy to do. Continue rinsing.P333+P313If skin irritation or rash occurs: Get medical advice/attention.P337+P313If eye irritation persists: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internation		
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lense 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. P370+P378 In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/international/international. 	P304+P341	
present and easy to do. Continue rinsing.P333+P313If skin irritation or rash occurs: Get medical advice/attention.P337+P313If eye irritation persists: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, CaP403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internation	D105 · D151 · D	
P333+P313If skin irritation or rash occurs: Get medical advice/attention.P337+P313If eye irritation persists: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internation	$P_{505+P_{551+P_{551}}}$	
P337+P313If eye irritation persists: Get medical advice/attention.P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internation	D222 + D212	
P370+P378In case of fire: Use to extinguish: Alcohol resistant foam, Fire-extinguishing powder, Ca dioxide.P403+P235Store in a well-ventilated place. Keep cool.P501Dispose of contents/container in accordance with local/regional/national/internationalregulations.		
dioxide. P403+P235 Store in a well-ventilated place. Keep cool. P501 Dispose of contents/container in accordance with local/regional/national/internative regulations.		
<i>P501</i> Dispose of contents/container in accordance with local/regional/national/internative regulations.	$\Gamma \mathcal{I} / \mathcal{I} \top \mathcal{I} \mathcal{I} / \mathcal{I}$	
<i>P501</i> Dispose of contents/container in accordance with local/regional/national/internative regulations.		
(Contd. on p	P403+P235	



Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

(Contd. of page 2)

Trade name: SU-8 TF 6000 Series Resists

· 2.3 Other hazards

None of the ingredients are included in the list established in accordance with Article 59(1) for having endocrine disrupting properties.

None of the ingredients are substances identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 (or Commission Regulation (EU) 2018/605.

· Results of PBT and vPvB assessment

• *PBT:* Not applicable.

• **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

• Description: Mixture of substances listed below with nonhazardous additions.

· Dangerous compone	ents:	
CAS: 120-92-3	Cyclopentanone	20-50%
EINECS: 204-435-9	🚸 Flam. Liq. 3, H226; 🚸 Skin Irrit. 2, H315; Eye Irrit. 2, H319	
CAS: 108-65-6	1-Methoxy-2-propanol acetate	10-40%
EINECS: 203-603-9	🚸 Flam. Liq. 3, H226; 🚸 STOT SE 3, H336	
	Proprietary Epoxy Resin	5-60%
	STOT RE 2, H373; 🕂 Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; Aquatic Chronic 4, H413	
CAS: 96-48-0	gamma-Butyrolactone	1-10%
EINECS: 202-509-5	📀 Eye Dam. 1, H318; 🐠 Acute Tox. 4, H302; STOT SE 3, H336	
CAS: 121239-75-6	Iodonium, [4-octyloxy)phenyl-,(OC-6-11)-hexafluoroantimonate(1-)	0.2-3%
	Aquatic Chronic 2, H411; 🚸 Acute Tox. 4, H302; Acute Tox. 4, H332	
· Additional informat	ion: For the wording of the listed hazard phrases refer to section 16.	

SECTION 4: First aid measures

• 4.1 Description of first aid measures

· General information: Immediately remove any clothing soiled by the product.

• After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

• After skin contact: Immediately wash with water and soap and rinse thoroughly.

• After eye contact:

Wash eyes immediately with a large amount of water or normal saline, occasionally lifting upper and lower eye lids until no evidence of chemical remains (about 20 minutes). Remove contact lenses if present and easy to remove. Seek immediate medical attention.

· After swallowing: Do not induce vomiting; call for medical help immediately.

• 4.2 Most important symptoms and effects, both acute and delayed No further relevant information available.

• 4.3 Indication of any immediate medical attention and special treatment needed Treat symptomatically.

(Contd. on page 4)

GF



Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

Trade name: SU-8 TF 6000 Series Resists

(Contd. of page 3)

SECTION 5: Firefighting measures

• 5.1 Extinguishing media

• Suitable extinguishing agents: Alcohol resistant foam Fire-extinguishing powder Carbon dioxide

• For safety reasons unsuitable extinguishing agents: Water with full jet

• 5.2 Special hazards arising from the substance or mixture

Containers may explode due to pressure increase when container is exposed to extreme heat. Vapors may travel a considerable distance to a source of ignition and flash back along vapor trail.

• 5.3 Advice for firefighters

· Protective equipment: Wear self-contained respiratory protective device.

SECTION 6: Accidental release measures

 6.1 Personal precautions, protective equipment and emergency procedures Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation Keep away from ignition sources.
 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water. 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. • 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents

• 6.4 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.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling Ensure good ventilation/exhaust at the workplace. Prevent formation of aerosols. Keep receptacles tightly sealed.
- Information about fire and explosion protection: Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Use explosion-proof apparatus / fittings and spark-proof tools.
- · 7.2 Conditions for safe storage, including any incompatibilities
- · Storage:
- Requirements to be met by storerooms and containers: Store in a cool location.
- Information about storage in one common storage facility: Do not store together with oxidising and acidic materials.
- Do not store together with amines.

(Contd. on page 5)

GB•



Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

Trade name: SU-8 TF 6000 Series Resists

(Contd. of page 4)

• Further information about storage conditions:

Store in cool, dry conditions in well sealed containers.

Store receptacle in a well ventilated area.

Protect from heat and direct sunlight.

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

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

• Additional information about design of technical facilities: No further data; see section 7.

Ingredients with limit values that require monitoring at the workplace:

108-65-6 1-Methoxy-2-propanol acetate

WEL Short-term value: 548 mg/m³, 100 ppm Long-term value: 274 mg/m³, 50 ppm Sk

• Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Personal protective equipment:

- General protective and hygienic measures: Keep away from food and beverages.
- Immediately remove all soiled and contaminated clothing Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

· Respiratory protection:

In case of low exposure use cartridge respirator. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. • *Material of gloves Nitrile rubber, NBR*

· 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.

• Eye protection:



Tightly sealed goggles

· Body protection: Long-sleeved work clothes

(Contd. on page 6)



Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

Trade name: SU-8 TF 6000 Series Resists

(Contd. of page 5)

9.1 Information on basic physical and c	hemical properties				
General Information					
Appearance: Form:	Liquid				
Colour:	<i>Clear to light yell</i>	low			
Odour:	Sweetish				
Odour threshold:	Not determined.				
pH-value:	Not determined.				
Change in condition					
Melting point/freezing point:	Undetermined.				
Initial boiling point and boiling range	2: 130 ℃				
Flash point:	30 °C				
Flammability (solid, gas):	Not applicable.				
Auto-ignition temperature:	315 °C				
Decomposition temperature:	Not determined.				
Ignition temperature:	Product is not selfigniting.				
Explosive properties:	Product is not explosive. However, formation of explosive air/vapo mixtures are possible.				
Explosion limits:					
Lower:	1.3 Vol %				
Upper:	10.8 Vol %				
Vapour pressure at 20 °C:	11 hPa				
Density:	See Other inform	ation			
Relative density	Not determined.				
Vapour density	Not determined.				
Evaporation rate	Not determined.				
Solubility in / Miscibility with					
water:	Partly miscible.				
Partition coefficient: n-octanol/water:	Not determined.				
Viscosity:					
Dynamic:	Not determined.				
Kinematic:	Not determined.				
9.2 Other information	Name	Number		VOC(%by wt.)	VOC (g/L
	SU-8 TF 6000.1	Y143007	0.980	80-85	830
	SU-8 TF 6000.2	Y143010	0.988	80-85	810
	SU-8 TF 6000.5	Y143015	0.999	75-80	770
	SU-8 TF 6001	Y143027	1.025	65-70	680
	SU-8 TF 6002	Y143037	1.050	55-60	600
	SU-8 TF 6005	Y143051	1.085	40-45	480

(Contd. on page 7)



Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

Trade name: SU-8 TF 6000 Series Resists

(Contd. of page 6)

SECTION 10: Stability and reactivity

- · 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability Stable
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions Exothermic polymerisation.
- 10.4 Conditions to avoid Heat, flames and sparks. Extremes of temperature and direct sunlight. Contact with incompatible materials.
- 10.5 Incompatible materials: Strong Oxidizing Agents, Strong Bases, Strong Acids, Amines
- · 10.6 Hazardous decomposition products:
- Carbon monoxide and carbon dioxide
- Danger of forming toxic pyrolysis products.
- Corrosive gases/vapours

SECTION 11: Toxicological information

- · 11.1 Information on toxicological effects
- Acute toxicity Based on available data, the classification criteria are not met.
- Primary irritant effect:
- · Skin corrosion/irritation
- Causes skin irritation. • Serious eye damage/irritation
- Causes serious eye damage.
- · Respiratory or skin sensitisation
- May cause an allergic skin reaction.
- Additional toxicological information:
- · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
- · Germ cell mutagenicity Based on available data, the classification criteria are not met.
- *Carcinogenicity Based* on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
- STOT-single exposure
- May cause drowsiness or dizziness.
- STOT-repeated exposure Based on available data, the classification criteria are not met.
- Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- · 12.1 Toxicity
- · Aquatic toxicity: No further relevant information available.
- 12.2 Persistence and degradability No further relevant information available.
- 12.3 Bioaccumulative potential No further relevant information available.
- 12.4 Mobility in soil No further relevant information available.
- Additional ecological information:
- · General notes:
- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

- 12.5 Results of PBT and vPvB assessment
- *PBT:* Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 8)

⁻ GB

ADVANCED MATERIALS

Safety data sheet according to UK REACH

Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

Trade name: SU-8 TF 6000 Series Resists

(Contd. of page 7)

· 12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

• 13.1 Waste treatment methods

· Recommendation

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

· Uncleaned packaging:

• *Recommendation: Disposal must be made according to official regulations.*

14.1 UN-Number		
ADR, IMDG, IATA	UN1866	
14.2 UN proper shipping name		
ADR, IMDG, IATA	RESIN SOLUTION	
14.3 Transport hazard class(es)		
ADR, IMDG, IATA		
Class	3 Flammable liquids.	
Label	3	
14.4 Packing group		
ADR, IMDG, IATA	III	
14.5 Environmental hazards:		
Marine pollutant:	No	
14.6 Special precautions for user	Warning: Flammable liquids.	
Hazard identification number (Kemler code):	30	
EMS Number:	<i>F-E</i> , <u><i>S-E</i></u>	
14.7 Transport in bulk according to Annex II of	of the second	
Marpol and the IBC Code	Not applicable.	
Transport/Additional information:		
ADR		
Limited quantities (LQ)	5L	
Transport category	3	
Tunnel restriction code	D/E	
UN "Model Regulation":	UN1866, RESIN SOLUTION, 3, III	

(Contd. on page 9)



Printing date 22.07.2024

Version number 8

Revision: 22.07.2024

Trade name: SU-8 TF 6000 Series Resists

(Contd. of page 8)

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

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

SECTION 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.

· Relevant phrases

H226 Flammable liquid and vapour. H302 Harmful if swallowed. H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H319 Causes serious eye irritation. H332 Harmful if inhaled. H336 May cause drowsiness or dizziness. H373 May cause damage to organs through prolonged or repeated exposure. H411 Toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. · Department issuing SDS: Product safety department • *Contact:* Tom Cole, EHS Manager (tcole@kayakuam.com) · Abbreviations and acronyms: ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association GHS: Globally Harmonised System of Classification and Labelling of Chemicals 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) PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative Flam. Liq. 3: Flammable liquids – Category 3 Acute Tox. 4: Acute toxicity - Category 4 Skin Irrit. 2: Skin corrosion/irritation - Category 2 Eye Dam. 1: Serious eye damage/eye irritation - Category 1 Eye Irrit. 2: Serious eye damage/eye irritation - Category 2 Skin Sens. 1: Skin sensitisation – Category 1 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 STOT RE 2: Specific target organ toxicity (repeated exposure) - Category 2 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard - Category 2 Aquatic Chronic 4: Hazardous to the aquatic environment - long-term aquatic hazard - Category 4