

Safety Data Sheet

acc. to OSHA HCS

Printing date 04/28/2020

Reviewed on 02/28/2020

Page 1/14

1 Identification

- · Product identifier
- Trade name: GTP210W 2K URETHANE SEALER WHITE
- · Article number: GTP210W
- · Details of the supplier of the safety data sheet

 Manufacturer/Supplier: Lusid Technologies
 4725 S Camp Kearns Road Kearns, UT 84118
 USA
 www.lusidtechnologies.com

- Information department: Product safety department
 Emergency telephone number: 24 Hrs Emergency Contact: INFOTRAC
- 1-800-535-5053

2 Hazard(s) identification

· Classification of the substance or mixture

GHS02 Flame

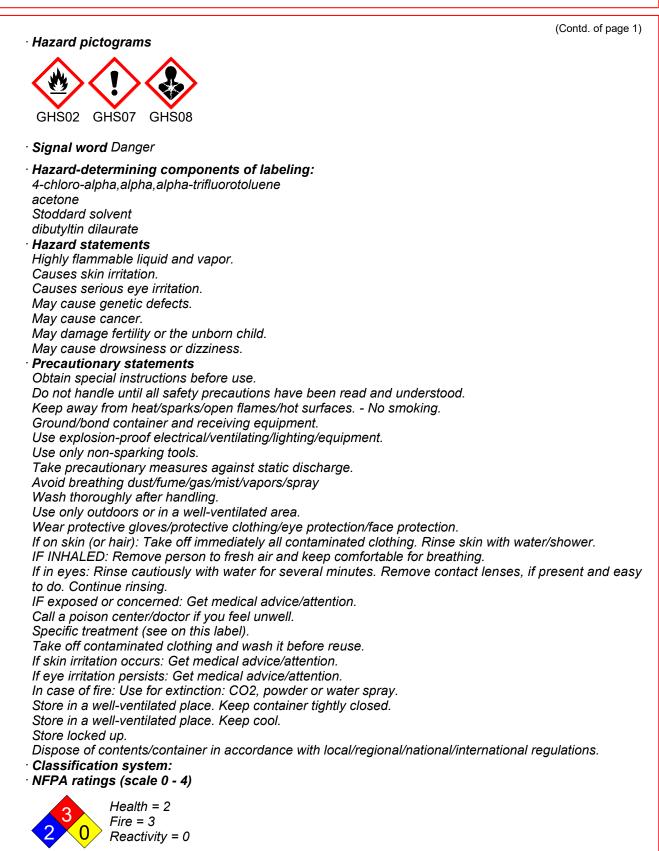
Flam. Liq. 2 H225 Highly flammable liquid and vapor.

Muta. 1B	H340 May	y cause genetic defects.
Carc. 1B	H350 May	y cause cancer.
Repr. 1B	H360 Mav	y damage fertility or the unborn child.
G	HS07	· · · · · · · · · · · · · · · · · · ·
Skin Irrit. 2	HS07 H315 Cau	uses skin irritation.
Skin Irrit. 2 Eye Irrit. 24	HS07 H315 Cau H319 Cau	uses skin irritation. uses serious eye irritation.
Skin Irrit. 2 Eye Irrit. 24	HS07 H315 Cau H319 Cau	uses skin irritation.

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE



(Contd. on page 3)

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

(Contd. of page 2)

· HMIS-ratings (scale 0 - 4)



· Other hazards

· Results of PBT and vPvB assessment

- · **PBT:** Not applicable.
- · vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

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

[.] Dangerous	components:	
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	10-25%
67-64-1	acetone	10-25%
	n-butyl acetate	10-25%
1330-20-7	xylene	2.5-10%
13463-67-7	titanium dioxide	2.5-10%
7727-43-7	barium sulphate, natural	≤2.5%
8052-41-3	Stoddard solvent	≤2.5%
77-58-7	dibutyltin dilaurate	≤2.5%

4 First-aid measures

· Description of first aid measures

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

- After inhalation: 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. If symptoms persist, consult a doctor. • 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.

(Contd. on page 4)

- USA

(Contd. of page 3)

Safety Data Sheet acc. to OSHA HCS

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

- · Advice for firefighters
- · Protective equipment: No special measures required.

6 Accidental release measures

- *Personal precautions, protective equipment and emergency procedures* Wear protective equipment. Keep unprotected persons away.
- Environmental precautions: 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

78-83-1 butanol

- See Section 7 for information on safe handling.
- See Section 8 for information on personal protection equipment.
- See Section 13 for disposal information.
- Protective Action Criteria for Chemicals

67 61 1	aaatana	200
	acetone	200 ppm
	n-butyl acetate	5 ppm
1330-20-7	-	130 ppm
	titanium dioxide	30 mg/m³
	barium sulphate, natural	15 mg/m³
9002-88-4	Polyethylene low density	16 mg/m³
112926-00-8	Precipitated silica (Silica-Amorphous)	18 mg/m³
8052-41-3	Stoddard solvent	300 mg/m ³
77-58-7	dibutyltin dilaurate	1.1 mg/m³
100-41-4	ethylbenzene	33 ppm
14808-60-7	Quartz (SiO2)	0.075 mg/m
57-55-6	Propylene glycol	30 mg/m ³
78-83-1	butanol	150 ppm
PAC-2:		
67-64-1	acetone	3200* ppm
123-86-4	n-butyl acetate	200 ppm
1330-20-7	xylene	920* ppm
13463-67-7	titanium dioxide	330 mg/m ³
7727-43-7	barium sulphate, natural	170 mg/m³
9002-88-4	Polyethylene low density	170 mg/m³
112926-00-8	Precipitated silica (Silica-Amorphous)	200 mg/m ³
8052-41-3	Stoddard solvent	1,800 mg/m
77-58-7	dibutyltin dilaurate	8 mg/m³
100-41-4	ethylbenzene	1100* ppm
14808-60-7	Quartz (SiO2)	33 mg/m³
57-55-6	Propylene glycol	1,300 mg/m

1,300 ppm (Contd. on page 5)

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

		(Contd. of page 4
· PAC-3:		
67-64-1	acetone	5700* ppm
123-86-4	n-butyl acetate	3000* ppm
1330-20-7	xylene	2500* ppm
13463-67-7	titanium dioxide	2,000 mg/m ³
7727-43-7	barium sulphate, natural	990 mg/m ³
9002-88-4	Polyethylene low density	1,000 mg/m³
112926-00-8	Precipitated silica (Silica-Amorphous)	1,200 mg/m ³
8052-41-3	Stoddard solvent	29500** mg/m ³
77-58-7	dibutyltin dilaurate	48 mg/m ³
100-41-4	ethylbenzene	1800* ppm
14808-60-7	Quartz (SiO2)	200 mg/m ³
57-55-6	Propylene glycol	7,900 mg/m³
78-83-1	butanol	8000* ppm

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.

67-64-1 acetone

PEL Long-term value: 2400 mg/m³, 1000 ppm

(Contd. on page 6)

USA -

Printing date 04/28/2020

Reviewed on 02/28/2020

			· • ·· ·· — —
Trade name: GTP	210W 2K URET	HANE SEALER	WHITE

DEI	Long torm volue: 500 mg/m ³ 250 ppm	(Contd. of page 5
	Long-term value: 590 mg/m ³ , 250 ppm	
TLV	Short-term value: 1187 mg/m³, 500 ppm Long-term value: 594 mg/m³, 250 ppm BEI	
123-8	86-4 n-butyl acetate	
PEL	Long-term value: 710 mg/m³, 150 ppm	
REL	Short-term value: 950 mg/m³, 200 ppm Long-term value: 710 mg/m³, 150 ppm	
TLV	Short-term value: 712 mg/m³, 150 ppm Long-term value: 238 mg/m³, 50 ppm	
1330	-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 BEI	
	-43-7 barium sulphate, natural	
PEL	Long-term value: 15* 5** mg/m ³ *total dust **respirable fraction	
REL	Long-term value: 10* 5** mg/m³ *total dust **respirable fraction	
TLV	Long-term value: 5* mg/m³ *inhalable fraction; E	
8052	-41-3 Stoddard solvent	
PEL	Long-term value: 2900 mg/m³, 500 ppm	
REL	Long-term value: 350 mg/m³ Ceiling limit value: 1800* mg/m³ *15-min	
TLV	Long-term value: 525 mg/m³, 100 ppm	
77-58	8-7 dibutyltin dilaurate	
PEL	Long-term value: 0.1 mg/m³ as Sn	
REL	Long-term value: 0.1 mg/m³ as Sn, Skin	
TLV	Short-term value: 0.2 mg/m³ Long-term value: 0.1 mg/m³ as Sn; Skin	
· Ingre	edients with biological limit values:	
67-64	4-1 acetone	
	50 mg/L Medium: urine Time: end of shift Parameter: Acetone (nonspecific)	
	-20-7 xylene	
	1.5 g/g creatinine	
	Medium: urine	
	Time: end of shift Parameter: Methylhippuric acids	
I	· · · · · · · · · · · · · · · · · · ·	(Contd. on page
		u

(Contd. of page 6)

Safety Data Sheet acc. to OSHA HCS

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

• 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. Avoid contact with the eyes and skin.

· 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.

• Eye protection:



Tightly sealed goggles

Information on basic physical and General Information	chemical properties	
Appearance: Form:	Liquid	
Color:	White	
Odor:	Characteristic	
Odor threshold:	Not determined.	
pH-value:	Not determined (pH N/A in solvent coatings)	
Change in condition		
Melting point/Melting range:	Undetermined.	
Boiling point/Boiling range:	55.8-56.6 °C (132.4-69.9 °F)	

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

	(Contd. of page 7
· Flash point:	<-18 °C (<-0.4 °F)
· Flammability (solid, gaseous):	Not applicable.
· Ignition temperature:	370 °C (698 °F)
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air, vapor mixtures are possible.
· Explosion limits: Lower: Upper:	1.2 Vol % 13 Vol %
· Vapor pressure at 20 °C (68 °F):	233 hPa (174.8 mm Hg)
 Density at 20 °C (68 °F): Relative density Vapor density Evaporation rate 	1.38 g/cm³ (11.5161 lbs/gal) Not determined. Not determined. Not determined.
 Solubility in / Miscibility with Water: 	Not miscible or difficult to mix.
· Partition coefficient (n-octanol/wat	er): Not determined.
· Viscosity: Dynamic: Kinematic:	Not determined. Not determined.
 Solvent content: Organic solvents: VOC content: 	32.3 % 16.31 % 225.1 g/l / 1.88 lb/gal
Solids content: • Other information	34.8 % 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:
- · Primary irritant effect:
- on the skin: Irritant to skin and mucous membranes.

(Contd. on page 9)

USA

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

• Additional to The product preparations: Irritant	n: No sensitizing effects known. exicological information: shows the following dangers according to internally approved calculation meth	,
· Carcinogeni	c categories	
· IARC (Intern	ational Agency for Research on Cancer)	
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	2B
14807-96-6	Talc (Mg3H2(SiO3)4)	3
1330-20-7	xylene	3
13463-67-7	titanium dioxide	2B
9002-88-4	Polyethylene low density	3
112926-00-8	Precipitated silica (Silica-Amorphous)	3
100-41-4	ethylbenzene	2B
14808-60-7	Quartz (SiO2)	1
· NTP (Nation	al Toxicology Program)	
14808-60-7	Quartz (SiO2)	K
· OSHA-Ca (O	ccupational Safety & Health Administration)	
None of the i	ngredients 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.
- · 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.
- 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.

(Contd. on page 10)

⁻ USA

(Contd. of page 9)

Safety Data Sheet acc. to OSHA HCS

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

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

Transport information	
UN-Number DOT, IMDG, IATA	UN1263
UN proper shipping name DOT IMDG, IATA	Paint PAINT
Transport hazard class(es)	
DOT	
Class	3 Flammable liquids
Label	3
IMDG, IATA	
Class Label	3 Flammable liquids 3
Packing group DOT, IMDG, IATA	11
Environmental hazards: Marine pollutant:	No
Special precautions for user	Warning: Flammable liquids
Hazard identification number (Kemler code EMS Number:	
Stowage Category	F-E, <u>S-E</u> B
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
DOT Quantity limitations	On passenger aircraft/rail: 5 L On cargo aircraft only: 60 L
IMDG	
Limited quantities (LQ)	5L
Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

(Contd. of page 10)

· UN "Model Regulation":

UN 1263 PAINT, 3, II

15 Regulatory information

 Safety, health and environmental regulations/legislation specific for the substance or mixture
 Sara
 Section 355 (extremely hazardous substances): None of the ingredients is listed.
 Section 313 (Specific toxic chemical listings):

- 1330-20-7 xylene
- 7727-43-7 barium sulphate, natural
- 100-41-4 ethylbenzene
- TSCA (Toxic Substances Control Act): 98-56-6 4-chloro-alpha alpha alpha-trifluorotoluene

•		
98-56-6	4-chloro-alpha,alpha,alpha-trifluorotoluene	ACTIVE
67-64-1	acetone	ACTIVE
123-86-4	n-butyl acetate	ACTIVE
14807-96-6	Talc (Mg3H2(SiO3)4)	ACTIVE
1330-20-7	xylene	ACTIVE
13463-67-7	titanium dioxide	ACTIVE
7727-43-7	barium sulphate, natural	ACTIVE
1332-58-7	Kaolin	ACTIVE
9002-88-4	Polyethylene low density	ACTIVE
8052-41-3	Stoddard solvent	ACTIVE
77-58-7	dibutyltin dilaurate	ACTIVE
100-41-4	ethylbenzene	ACTIVE
14808-60-7	Quartz (SiO2)	ACTIVE
57-55-6	Propylene glycol	ACTIVE
78-83-1	butanol	ACTIVE
Hazardous	Air Pollutants	
1330-20-7	xylene	

100-41-4 ethylbenzene

· Proposition 65

- · Chemicals known to cause cancer:
 - 98-56-6 4-chloro-alpha,alpha,alpha-trifluorotoluene 13463-67-7 titanium dioxide

100-41-4 ethylbenzene

14808-60-7 Quartz (SiO2)

· 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.

(Contd. on page 12)

USA

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

		(Contd. of pag	je 1
Chemicals	known to cause developmental toxicity:		
None of the	e ingredients is listed.		
Carcinoge	nic categories		
-	ronmental Protection Agency)		
67-64-1	acetone		
1330-20-7	xylene	1	
7727-43-7	barium sulphate, natural	D, CBD(inh), NL(o	ral
100-41-4	ethylbenzene	D	
TLV (Thre	shold Limit Value established by ACGIH)	<u>.</u>	
67-64-1	acetone		A
14807-96-6	Talc (Mg3H2(SiO3)4)		A٩
1330-20-7	xylene		A
13463-67-7	titanium dioxide		A
1332-58-7	7 Kaolin		A
77-58-7	dibutyltin dilaurate		A
100-41-4	t ethylbenzene		A:
14808-60-7	2 Quartz (SiO2)		A
NIOSH-Ca	(National Institute for Occupational Safety a	nd Health)	
13463-67-7	titanium dioxide		
1 1 0 0 0 60 -	Quartz (SiO2)		

· GHS label elements

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



· Signal word Danger

· Hazard-determining components of labeling:

4-chloro-alpha, alpha, alpha-trifluorotoluene acetone Stoddard solvent dibutyltin dilaurate

· Hazard statements

Highly flammable liquid and vapor. Causes skin irritation.

- Causes serious eye irritation. May cause genetic defects.
- May cause cancer.
- May damage fertility or the unborn child.
- May cause drowsiness or dizziness.

· Precautionary statements

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Ground/bond container and receiving equipment.

(Contd. on page 13)

USA

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

(Contd. of page 12)
Use explosion-proof electrical/ventilating/lighting/equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Avoid breathing dust/fume/gas/mist/vapors/spray
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear protective gloves/protective clothing/eye protection/face protection.
If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy
to do. Continue rinsing.
IF exposed or concerned: Get medical advice/attention.
Call a poison center/doctor if you feel unwell.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
In case of fire: Use for extinction: CO2, powder or water spray.
Store in a well-ventilated place. Keep container tightly closed.
Store in a well-ventilated place. Keep cool.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.
· National regulations:

 Information about limitation of use: Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation. Exceptions can be made by the authorities in certain cases.
 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: Environment protection department.

- · Contact: Product Safety Dept.
- · Date of preparation / last revision 04/28/2020 / 5 • Abbreviations and acronyms: 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, ÉU) 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 Irrit. 2: Skin corrosion/irritation – Category 2 Eye Irrit. 2A: Serious eye damage/eye irritation - Category 2A

(Contd. on page 14)

USA

Printing date 04/28/2020

Reviewed on 02/28/2020

Trade name: GTP210W 2K URETHANE SEALER WHITE

(Contd. of page 13)

Muta. 1B: Germ cell mutagenicity – Category 1B Carc. 1B: Carcinogenicity – Category 1B Repr. 1B: Reproductive toxicity – Category 1B STOT SE 3: Specific target organ toxicity (single exposure) – Category 3 • * **Data compared to the previous version altered.**

USA -