2024 Tire Recycling Conference, May 17, 2024

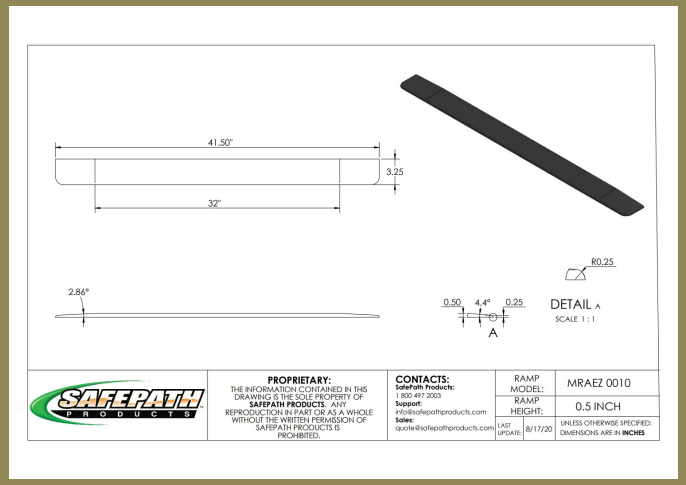
Timothy Vander Heiden J.D.
CEO/Owner
Van Duerr Industries, Inc. dba SafePath Products.

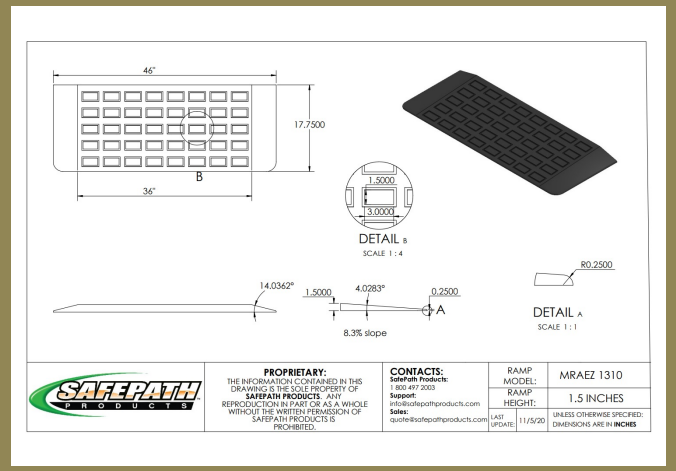
Chico California

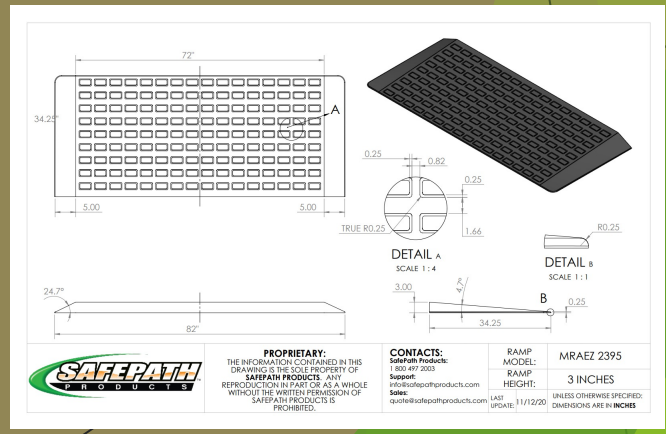
- Tolerances
- Precision
- Repetitiveness

EZ Edge™ Transitions/Ramp Products

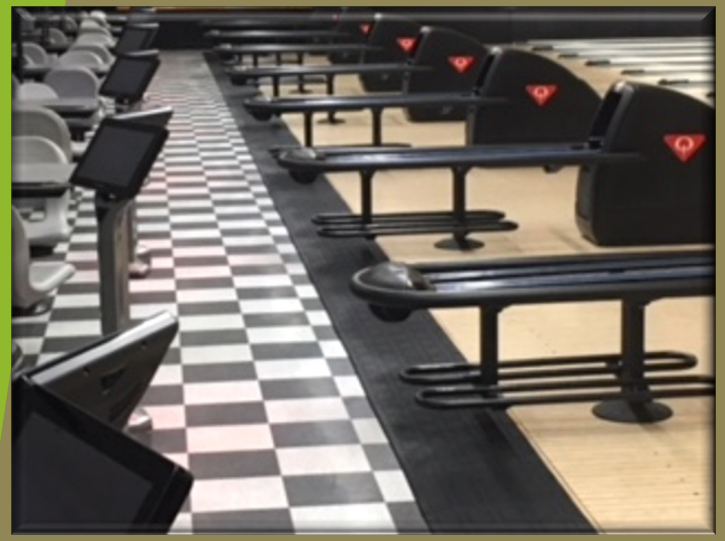
EZEdge ™ Transitions/Ramp Products from heights from 1/2” to 2-3/4” standard

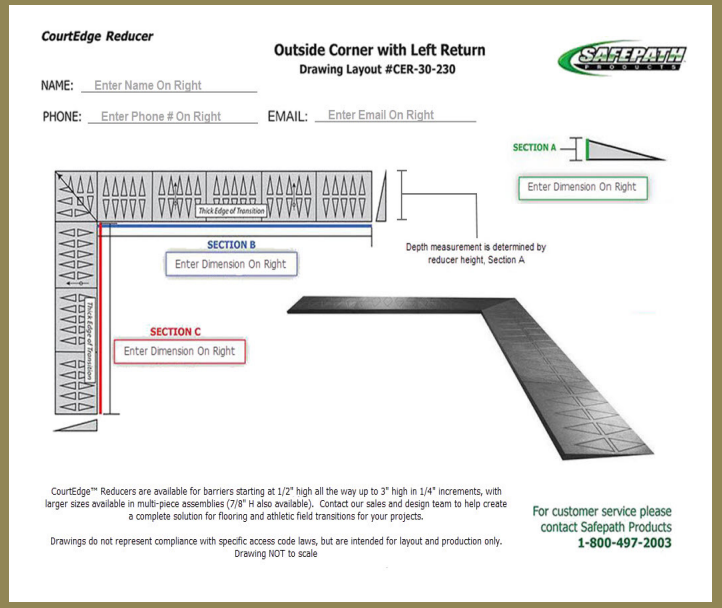


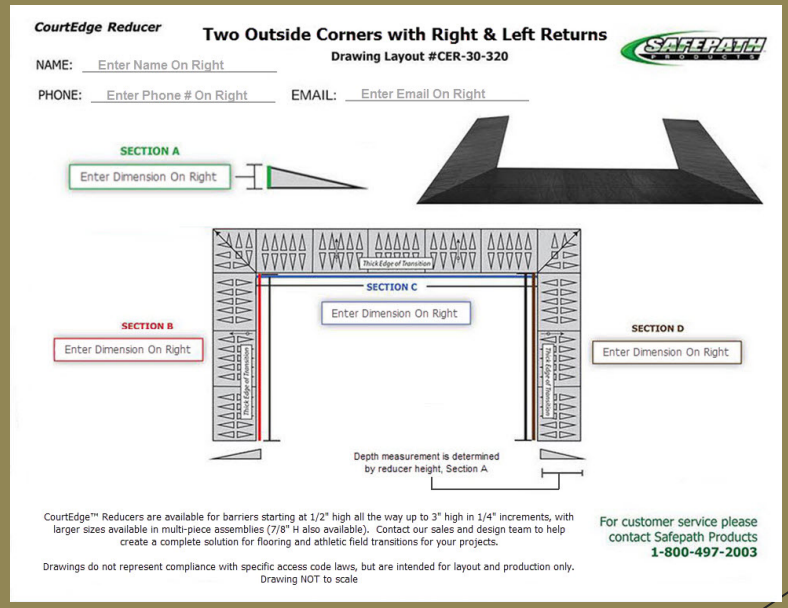


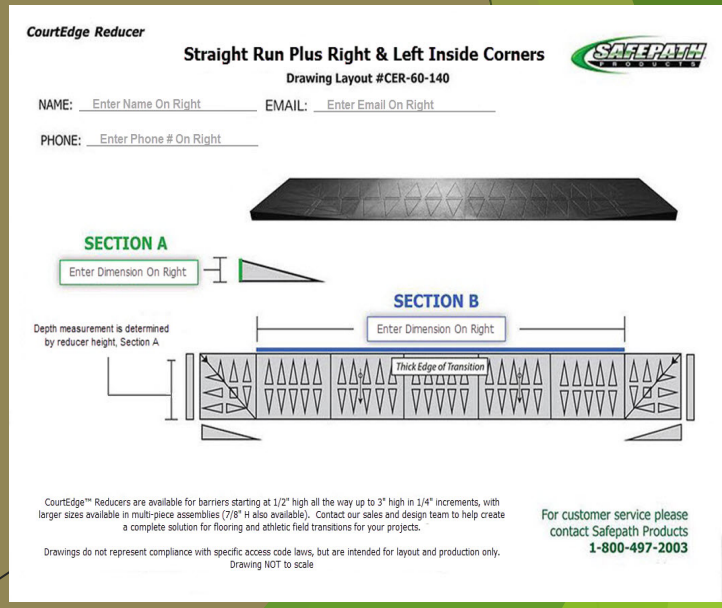


CourtEdge™ Reducers

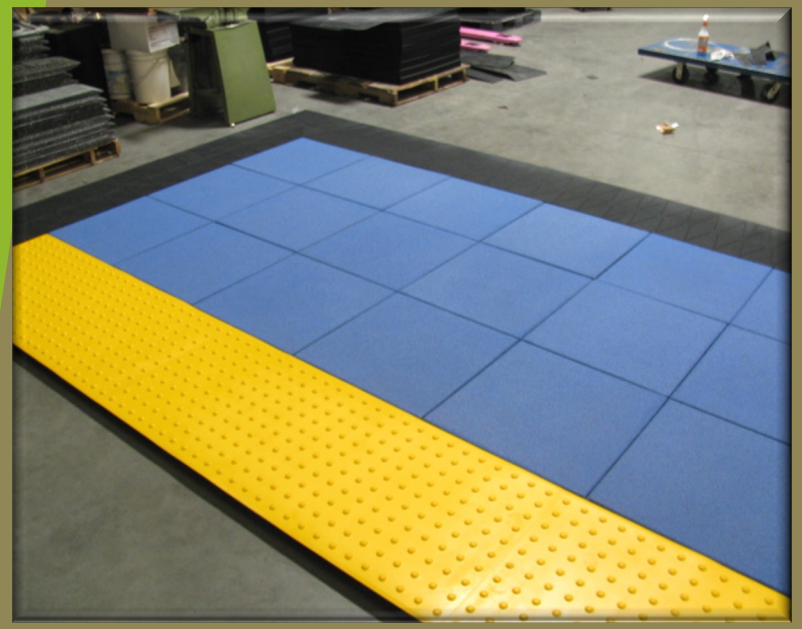


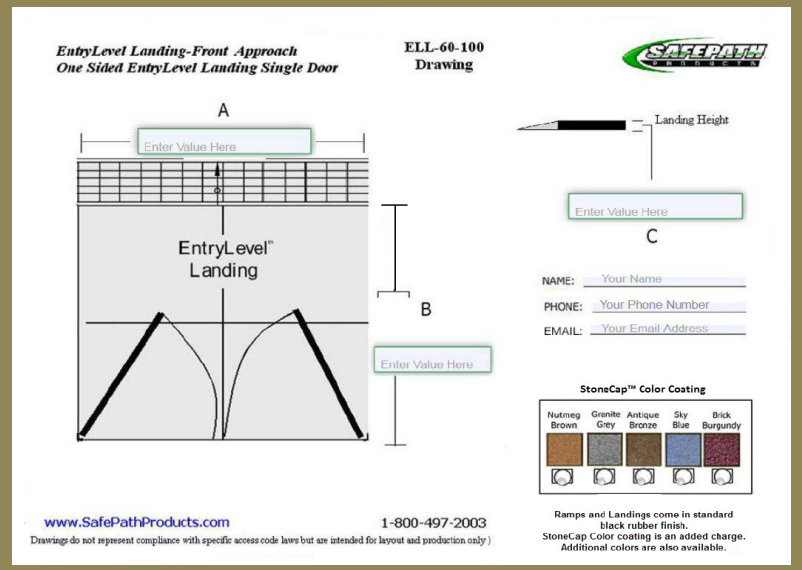


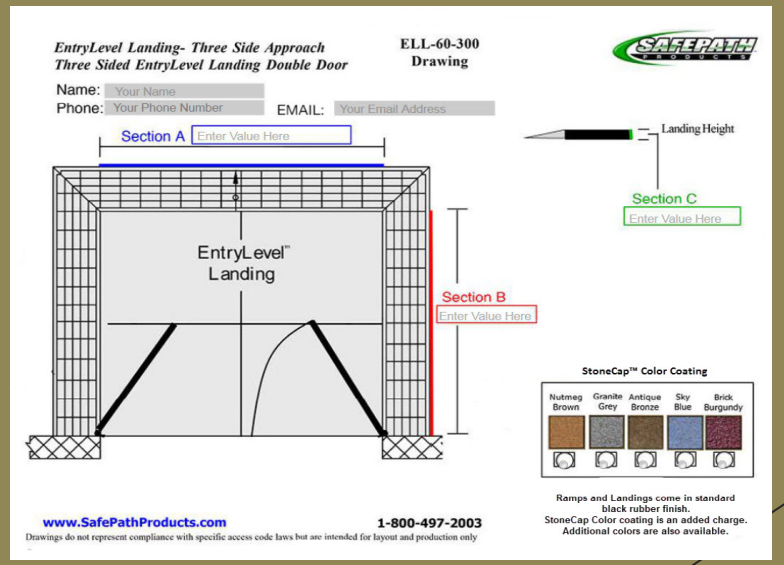


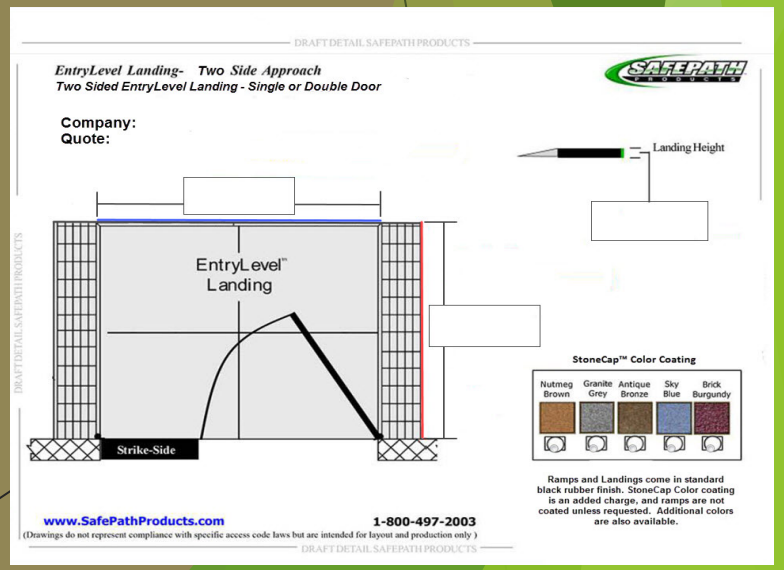


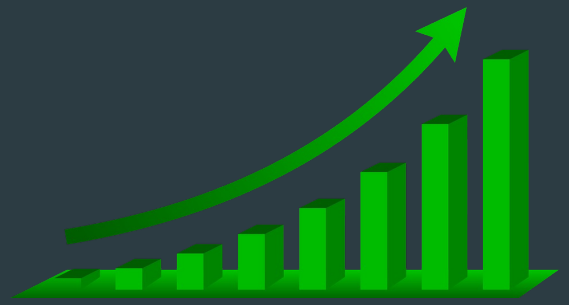
EntryLevel-Landings ™









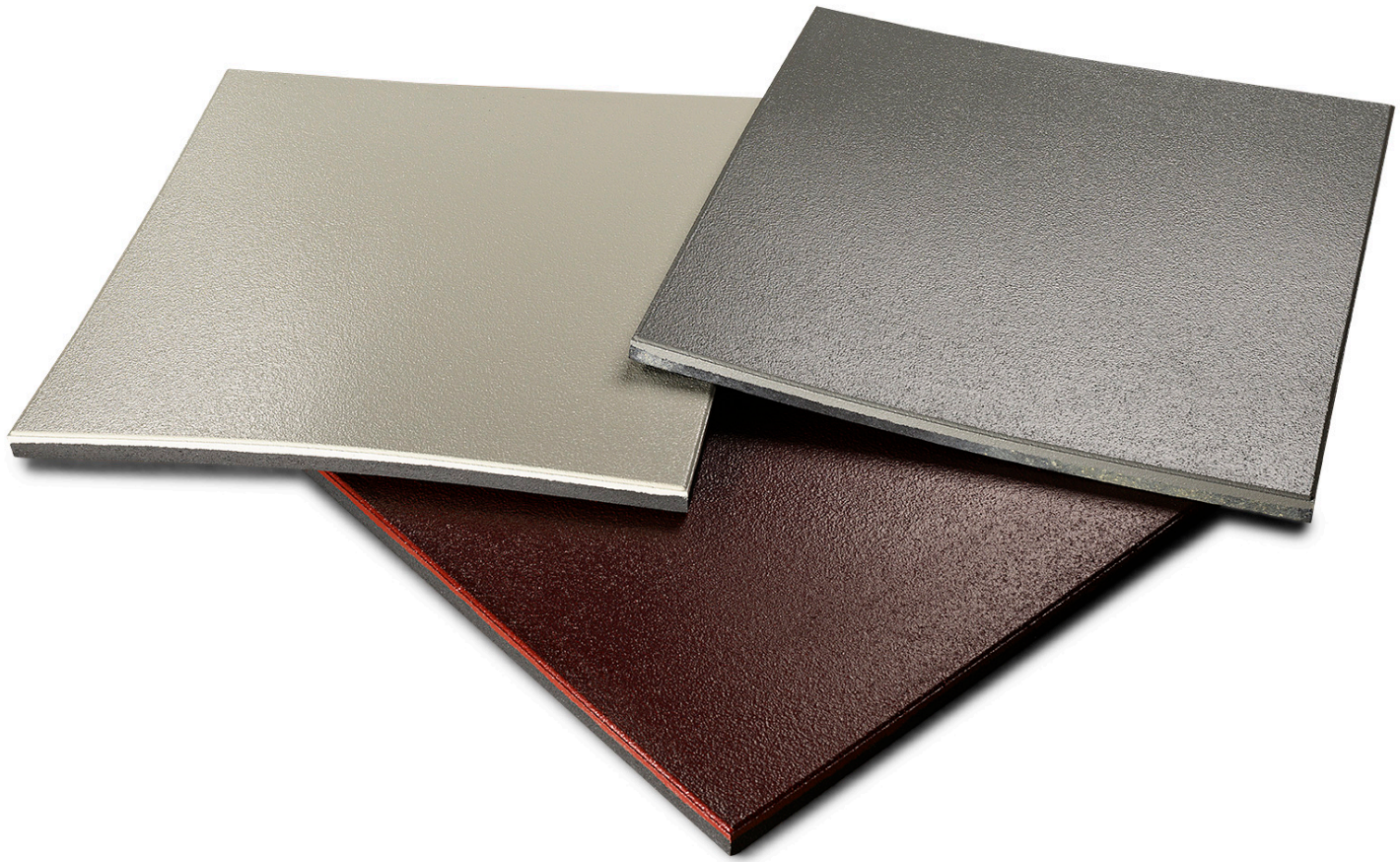


- Innovation
- Advancement
- Barriers

Innovation

Advancement Color Technology

Advancement



Imported Toxic Competition

Semivolatile Organic Compounds By EPA 8270C

Rubber (23D2962-01) | **Sample Type: Other (W)** | **Sampled: 04/20/23 00:00**

TPH by EPA GC Methods									
TPH as Diesel	**3400**	**mg/kg**	**50**	10	AD34624	04/24/23 07:47	04/24/23 17:38	2303	EPA 8015B
TPH as Gasoline	ND	ug/kg	1000	1	AD34677	04/24/23 08:00	04/24/23 13:52	2303	EPA 8015B
TPH as Motor Oil	**9100**	**mg/kg**	**500**	10	AD34624	04/24/23 07:47	04/24/23 17:38	2303*	EPA 8015B
Surrogate: o-Terphenyl	*84.8 %*		*60-140*		*AD34624*	*04/24/23 07:47*	*04/24/23 17:38*	2303	*EPA 8015B*
Volatile Organic Compounds by EPA Method 8260B									
Dichlorodifluoromethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Chloromethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Vinyl chloride	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Bromomethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Chloroethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Trichlorofluoromethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,1-Dichloroethene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Trichlorotrifluoroethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Tert-butyl alcohol	ND	ug/kg	620	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Methyl iodide	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Methylene chloride	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Carbon disulfide	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Methyl tert-butyl ether	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
trans-1,2-Dichloroethene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,1-Dichloroethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Di-isopropyl ether	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
cis-1,2-Dichloroethene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
2,2-Dichloropropane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Chloroform	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Bromochloromethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Tetrahydrofuran	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,1,1-Trichloroethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,2-Dichloroethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,1-Dichloropropene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Carbon tetrachloride	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Benzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Tert-amyl methyl ether	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Trichloroethene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,2-Dichloropropane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Dibromomethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Methyl methacrylate	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Bromodichloromethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
cis-1,3-Dichloropropene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Toluene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
trans-1,3-Dichloropropene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,1,2-Trichloroethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B

Rubber (23D2962-01) | **Sample Type: Other (W)** | **Sampled: 04/20/23 00:00**

Volatile Organic Compounds by EPA Method 8260B (cont'd)									
1,3-Dichloropropane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303*	EPA 8260B
Tetrachloroethene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,2-Dibromoethane (EDB)	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Chlorobenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,1,1,2-Tetrachloroethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Ethylbenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
m,p-Xylene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
o-Xylene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Styrene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Xylenes (total)	ND	ug/kg	120	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Bromoform	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
1,1,2,2-Tetrachloroethane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA 8260B
Isopropylbenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303*	EPA 8260B
1,2,3-Trichloropropane	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
Bromobenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
n-Propylbenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
2-Chlorotoluene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303*	EPA
4-Chlorotoluene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
1,3,5-Trimethylbenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303*	EPA
tert-Butylbenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
1,2,4-Trimethylbenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303*	EPA
sec-Butylbenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
1,3-Dichlorobenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
p-Isopropyltoluene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303*	EPA
1,4-Dichlorobenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
1,2-Dichlorobenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
n-Butylbenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
1,2-Dibromo-3-chloropropane	ND	ug/kg	75	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
1,2,4-Trichlorobenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
Naphthalene	**1000**	**ug/kg**	**50**	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
Hexachlorobutadiene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
1,2,3-Trichlorobenzene	ND	ug/kg	50	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303*	EPA
Methyl ethyl ketone	ND	ug/kg	380	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303*	EPA
Methyl isobutyl ketone	ND	ug/kg	250	1	AD33978	04/24/23 08:00	04/24/23 12:53	2303	EPA
Surrogate: Dibromofluoromethane	*103 %*		*70-130*		*AD33978*	*04/24/23 08:00*	*04/24/23 12:53*	2303	*EPA*
Surrogate: Toluene-d8	*98.8 %*		*70-130*		*AD33978*	*04/24/23 08:00*	*04/24/23 12:53*	2303	*EPA*
Surrogate: Bromofluorobenzene	*97.0 %*		*70-130*		*AD33978*	*04/24/23 08:00*	*04/24/23 12:53*	2303	*EPA*

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in it

Rubber (23D2962-01) | **Sample Type: Other (W)** | **Sampled: 04/20/23 00:00**

Semivolatile Organic Compounds by EPA Method 8270C									
Bis(2-ethoxyethyl) phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Bis(2-ethylhexyl)phthalate	**0.0807**	**%**	**0.0294**	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Bis(2-methoxyethyl) phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Bis(2-n-butoxyethyl) phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Bis(4-methyl-2-pentyl) phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Butyl benzyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Di-n-butyl phthalate	**0.0860**	**%**	**0.0294**	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Di-n-hexyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Di-n-octyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Diamyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Dicyclohexyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Diethyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Diisobutyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Dimethyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Dinonyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Hexyl 2-ethylhexyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
Diisononyl phthalate	ND	%	0.0294	1	AD34678	04/24/23 15:52	04/27/23 01:19	2303*	CPSC
[illegible]	[illegible]		[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Semivolatile Organic Compounds by EPA Method 8270C SIM									
Acenaphthene	**5000**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Acenaphthylene	**670**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Anthracene	**5300**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Benzo (a) anthracene	**13000**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Benzo (a) pyrene	**13000**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Benzo (b) fluoranthene	**9700**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Benzo (g,h,i) perylene	**11000**	**ug/kg**	**400**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Benzo (k) fluoranthene	**2900**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Chrysene	**18000**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Dibenz (a,h) anthracene	**4300**	**ug/kg**	**400**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Fluoranthene	**19000**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Fluorene	**9600**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Indeno (1,2,3-cd) pyrene	**4400**	**ug/kg**	**400**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Naphthalene	**38000**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Phenanthrene	**31000**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303	EPA 8270SIM
Pyrene	**26000**	**ug/kg**	**80**	1	AD34648	04/24/23 12:06	04/25/23 15:47	2303*	EPA 8270SIM
Surrogate: 2-Fluorobiphenyl	*82.2 %*		*70-130*		*AD34648*	*04/24/23 12:06*	*04/25/23 15:47*	2303	*EPA 8270SIM*
Surrogate: p-Terphenyl-d14	*105 %*		*70-140*		*AD34648*	*04/24/23 12:06*	*04/25/23 15:47*	2303	*EPA 8270SIM*

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Compound	Prop 65 List	DTSC (CalSafer List)	Multiple Samples Imported [1] Test Results	Key Issues Identified in Initial Search
TPH by EPA GC Methods[2]				
Volatile Organic Compounds by EPA Method 8260B				
Naphthalene	Yes	No	1000 ug/kg[3]	Carcinogenic and causes reproductive toxicity; listed by EPA as a Hazardous Air Pollutant.
Styrene	Yes	Yes	-	Carcinogenic, potential respiratory and nervous system impacts.
Semivolatile Organic Compounds by EPA Method 8270C SIM				
Acenaphthene	5-Nitroacenaphthene	Yes	5000 ug/kg	Liver toxicity – studies differ in their conclusions about effects
Acenaphthylene	No	No	670 ug/kg	Relatively low potential impact
Anthracene	Yes	Yes	5300 ug/kg	Relatively low potential impact
Benzo (a) anthracene	Yes (if ingested orally).	Maybe - but not on own	13000 ug/kg	Not evaluated (listing discrepancy) - might be listed in OIL
Benzo (a) pyrene	Yes	Yes	13000 ug/kg	Carcinogenic, CA public health goal issued; developmental and reproductive effects
Benzo (b) fluoranthene	Yes	Yes	9700 ug/kg	Carcinogenic
Benzo (g,h,i) perylene	NO	Yes	11000 ug/kg	Relatively low potential impact
Chrysene	Yes	Yes	18000 ug/kg	Carcinogenic
Dibenz (a,h) anthracene	Yes	Yes	4300 ug/kg	Carcinogenic
Fluoranthene	Yes	Yes	9600 ug/kg	Relatively low potential impact
Fluorene	Yes	Yes	9600 ug/kg	Relatively low potential impact
Indeno (1,2,3-cd) pyrene	Yes	Yes	4400 ug/kg	Carcinogenic
Phenanthrene	NO	Yes	31000 ug/kg	Not listed by OEHHA or EPA
Pyrene	Yes	Yes	26000 ug/kg	Relatively low potential impact

[1] TPH by EPA GC Methods, additional testing required
[2] consistently higher than acceptable numbers
[3] ug/kg-micrograms per kilograms

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