

## CERTIFICATION OF REACH & RoHS COMPLIANCE

June 25, 2025

### REACH

Elmet Technologies LLC certifies that all of its molybdenum and tungsten products meet Regulation (EC) No. 1907/2006 of The European Parliament and of the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

We further certify that none of the materials identified in the revision of the SVHC listing in effect as of the date of this notice are in use in Elmet Technologies processes or knowingly incorporated into any final products. Based on the above, registration and notification of substances in articles with the Agency is not required.

### RoHS

Elmet Technologies LLC certifies that all of its products meet EU Directive (EU) 2015/863 of 07-09-2021 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast).

Elmet Technologies LLC provides this certification, to the best of its ability, and further certifies that these substances are not knowingly added to any of our final products.



Digitally signed by  
Dan Drinan

Dan Drinan  
Director of Quality

**REACH SVHC LIST**

NAME	EC number	CAS number	Date of inclusion	In use in product? Y/N
tetra(sodium/potassium) 7-[(E)-(2-acetamido-4-[(E)-(4-[(4-chloro-6-({2-[(4-fluoro-6-[(4-(vinylsulfonyl)phenyl)amino]-1,3,5-triazine-2-yl)amino]propyl)amino]-1,3,5-triazine-2-yl)amino]-5-sulfonato-1-naphthyl)diazenyl]-5-methoxyphenyl)diazenyl]-1,3,6-naphthalenetrisulfonate (Reactive Brown 51)	466-490-7	-	25-Jun-2025	N
decamethyltetrasiloxane	205-491-7	141-62-8	25-Jun-2025	N
1,1,1,3,5,5,5-heptamethyl-3-[(trimethylsilyloxy)trisiloxane	241-867-7	17928-28-8	25-Jun-2025	N
reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8	21-Jan-2025	N
Perfluamine	206-420-2	338-83-0	21-Jan-2025	N
Octamethyltrisiloxane	203-497-4	107-51-7	21-Jan-2025	N
O,O,O-triphenyl phosphorothioate	209-909-9	597-82-0	21-Jan-2025	N
6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	701-118-1	2156592-54-8	21-Jan-2025	N
Triphenyl phosphate	204-112-2	115-86-6	07-Nov-2024	N
Bis(α,α-dimethylbenzyl) peroxide	201-279-3	80-43-3	27-Jun-2024	N
Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	23-Jan-2024	N
Phenol, methylstyrenated	270-966-8	68512-30-1	23-Jan-2024	N
Bumetizole (UV-326)	223-445-4	3896-11-5	23-Jan-2024	N
2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	23-Jan-2024	N
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	221-573-5	3147-75-9	23-Jan-2024	N
2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	23-Jan-2024	N
diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	14-Jun-2023	N
bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	14-Jun-2023	N
reaction mass of 2,2,3,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	473-390-7	-	17-Jan-2023	N
Perfluoroheptanoic acid and its salts	-	-	17-Jan-2023	N
potassium perfluoroheptanoate	-	21049-36-5	17-Jan-2023	N
Perfluoroheptanoic acid	206-798-9	375-85-9	17-Jan-2023	N
Sodium perfluoroheptanoate	243-518-4	20109-59-5	17-Jan-2023	N
Ammonium perfluoroheptanoate	228-098-2	6130-43-4	17-Jan-2023	N
Melamine	203-615-4	108-78-1	17-Jan-2023	N
Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3	17-Jan-2023	N
bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	17-Jan-2023	N
Bis(2-ethylhexyl) tetrabromophthalate	247-426-5	26040-51-7	17-Jan-2023	N
Barium diboron tetraoxide	237-222-4	13701-59-2	17-Jan-2023	N
4,4'-sulphonyldiphenol	201-250-5	80-09-1	17-Jan-2023	N
2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	17-Jan-2023	N
1,1'-[ethane-1,2-diylbis(oxy)bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	17-Jan-2023	N
N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	10-Jun-2022	N
tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	17-Jan-2022	N
S-(tricyclo(5.2.1.0' <sup>2</sup> .6)deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8	17-Jan-2022	N
6,6'-di-tert-butyl-2,2'-methylene-di-p-cresol	204-327-1	119-47-1	17-Jan-2022	N
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-	-	17-Jan-2022	N
(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one	253-242-6	36861-47-9	17-Jan-2022	N
(3E)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	1782069-81-1	17-Jan-2022	N
(1R,3E,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	95342-41-9	17-Jan-2022	N
(1S,3E,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-30-1	17-Jan-2022	N
(1R,3Z,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-21-0	17-Jan-2022	N
(1R,4S)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	741687-98-9	17-Jan-2022	N
(1S,3Z,4R)-1,7,7-trimethyl-3-(4-methylbenzylidene)bicyclo[2.2.1]heptan-2-one	-	852541-25-4	17-Jan-2022	N
Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	-	-	08-Jul-2021	N
4-isododecylphenol	-	27459-10-5	08-Jul-2021	N
Phenol, tetrapropylene-	-	57427-55-1	08-Jul-2021	N
Phenol, 4-dodecyl, branched	-	210555-94-5	08-Jul-2021	N
Phenol, (tetrapropenyl) derivatives	-	74499-35-7	08-Jul-2021	N
Phenol, 4-isododecyl-	-	27147-75-7	08-Jul-2021	N
Phenol, dodecyl-, branched	310-154-3	121158-58-5	08-Jul-2021	N
orthoboric acid, sodium salt	-	-	08-Jul-2021	N
Boric acid, sodium salt	215-604-1	1333-73-9	08-Jul-2021	N
Trisodium orthoborate	238-253-6	14312-40-4	08-Jul-2021	N
boric acid (H3BO3), sodium salt, hydrate	-	25747-83-5	08-Jul-2021	N
boric acid (H3BO3), sodium salt (1:1)	-	14890-53-0	08-Jul-2021	N
Boric acid (H3BO3), disodium salt	-	22454-04-2	08-Jul-2021	N
Orthoboric acid, sodium salt	237-560-2	13840-56-7	08-Jul-2021	N
Medium-chain chlorinated paraffins (MCCP)	-	-	08-Jul-2021	N
Alkanes, C14-17, chloro	287-477-0	85535-85-9	08-Jul-2021	N
Tetradecane, chloro derivs.	-	198840-65-2	08-Jul-2021	N
Alkanes, C14-16, chloro	-	1372804-76-6	08-Jul-2021	N
di-, tri- and tetrachlorotetradecane	-	-	08-Jul-2021	N
glutaral	203-856-5	111-30-8	08-Jul-2021	N
4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	08-Jul-2021	N
2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	-	-	08-Jul-2021	N
(2R)-3-(4-tert-butylphenyl)-2-methylpropanal	-	75166-31-3	08-Jul-2021	N
2-(4-tert-butylbenzyl)propionaldehyde	201-289-8	80-54-6	08-Jul-2021	N
(2S)-3-(4-tert-butylphenyl)-2-methylpropanal	-	75166-30-2	08-Jul-2021	N
2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	-	-	08-Jul-2021	N
2,2-dimethylpropan-1-ol, tribromo derivative (TBNPA)	253-057-0	36483-57-5	08-Jul-2021	N
3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA)	-	1522-92-5	08-Jul-2021	N
2,2-bis(bromomethyl)propane-1,3-diol (BMP)	221-967-7	3296-90-0	08-Jul-2021	N
2,3-dibromo-1-propanol (2,3-DBPA)	202-480-9	96-13-9	08-Jul-2021	N
1,4-dioxane	204-661-8	123-91-1	08-Jul-2021	N

Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-	-	19-Jan-2021	N
Diocetyl tin dilaurate	222-883-3	3648-18-8	19-Jan-2021	N
dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-	-	19-Jan-2021	N
Stannane, dioctyl-, bis(coco acyloxy) derivs.	293-901-5	91648-39-4	19-Jan-2021	N
Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	19-Jan-2021	N
Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	25-Jun-2020	N
Butyl 4-hydroxybenzoate	202-318-7	94-26-8	25-Jun-2020	N
2-methylimidazole	211-765-7	693-98-1	25-Jun-2020	N
1-vinylimidazole	214-012-0	1072-63-5	25-Jun-2020	N
Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	16-Jan-2020	N
1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonic acid	206-793-1	375-73-5	16-Jan-2020	N
bis(4-t-butylphenyl)iodonium perfluorobutanesulfonate	432-660-4	194999-85-4	16-Jan-2020	N
tetrabutyl-phosphonium nonafluoro-butane-1-sulfonate	444-440-5	220689-12-3	16-Jan-2020	N
dimethyl(phenyl)sulfanium perfluorobutanesulfonate	452-310-4	220133-51-7	16-Jan-2020	N
1-(4-butoxy-1-naphthalenyl)tetrahydrothiophenium 1,1,2,2,3,3,4,4,4-nonafluoro-1-butanedisulfonate	468-770-4	-	16-Jan-2020	N
Ammonium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	269-513-7	68259-10-9	16-Jan-2020	N
N,N,N-triethylethanaminium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulfonate	-	25628-08-4	16-Jan-2020	N
magnesium perfluorobutanesulfonate	-	507453-86-3	16-Jan-2020	N
lithium perfluorobutanesulfonate	-	131651-65-5	16-Jan-2020	N
morpholinium perfluorobutanesulfonate	-	503155-89-3	16-Jan-2020	N
Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	249-616-3	29420-49-3	16-Jan-2020	N
Triphenylsulfanium perfluorobutane sulfonate	478-340-8	144317-44-2	16-Jan-2020	N
Diisohexyl phthalate	276-090-2	71850-09-4	16-Jan-2020	N
2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	16-Jan-2020	N
2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	16-Jan-2020	N
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-	-	16-Jul-2019	N
tris(nonylphenyl) phosphite	247-759-6	26523-78-4	16-Jul-2019	N
Phenol, 4-nonyl-, phosphite (3:1)	-	3050-88-2	16-Jul-2019	N
Phenol, p-isononyl-, phosphite (3:1)	-	31631-13-7	16-Jul-2019	N
Phenol, p-sec-nonyl-, phosphite	-	106599-06-8	16-Jul-2019	N
tris(4-nonylphenyl, branched) phosphite	-	-	16-Jul-2019	N
4-tert-butylphenol	202-679-0	98-54-4	16-Jul-2019	N
2-methoxyethyl acetate	203-772-9	110-49-6	16-Jul-2019	N
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	16-Jul-2019	N
ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propanoate	-	62037-80-3	16-Jul-2019	N
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	218-173-8	2062-98-8	16-Jul-2019	N
potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	266-578-3	67118-55-2	16-Jul-2019	N
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid	236-236-8	13252-13-6	16-Jul-2019	N
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (-)	-	75579-40-7	16-Jul-2019	N
Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, (+)	-	75579-39-4	16-Jul-2019	N
Pyrene	204-927-3	129-00-0	15-Jan-2019	N
Phenanthrene	201-581-5	85-01-8	15-Jan-2019	N
Fluoranthene	205-912-4	206-44-0	15-Jan-2019	N
Benzo[k]fluoranthene	205-916-6	207-08-9	15-Jan-2019	N
2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	15-Jan-2019	N
1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	15-Jan-2019	N
Terphenyl, hydrogenated	262-967-7	61788-32-7	27-Jun-2018	N
Octamethylcyclotetrasiloxane	209-136-7	556-67-2	27-Jun-2018	N
Lead	231-100-4	7439-92-1	27-Jun-2018	N
Ethylenediamine	203-468-6	107-15-3	27-Jun-2018	N
Dodecamethylcyclohexasiloxane	208-762-8	540-97-6	27-Jun-2018	N
Disodium octaborate	234-541-0	12008-41-2	27-Jun-2018	N
Dicyclohexyl phthalate	201-545-9	84-61-7	27-Jun-2018	N
Decamethylcyclopentasiloxane	208-764-9	541-02-6	27-Jun-2018	N
Benzo[ghi]perylene	205-883-8	191-24-2	27-Jun-2018	N
Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	209-008-0	552-30-7	27-Jun-2018	N
Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	15-Jan-2018	N
Formaldehyde, reaction products with branched and linear heptylphenol, carbon disulfide and hydrazine	300-298-5	93925-00-9	15-Jan-2018	N
Reaction product of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and phenol, heptyl derivs.	-	1471311-26-8	15-Jan-2018	N
Chrysene	205-923-4	218-01-9	15-Jan-2018	N
Cadmium nitrate	233-710-6	10325-94-7	15-Jan-2018	N
Cadmium hydroxide	244-168-5	21041-95-2	15-Jan-2018	N
Cadmium carbonate	208-168-9	513-78-0	15-Jan-2018	N
Benz[a]anthracene	200-280-6	56-55-3	15-Jan-2018	N
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™")	-	-	15-Jan-2018	N
(1S,2S,5R,6R,9S,10S,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> .9.0 <sup>2</sup> ,13.0 <sup>5</sup> ,10]octadeca-7,15-diene	-	135821-03-3	15-Jan-2018	N
(1S,2S,5S,6S,9R,10R,13R,14R)-1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1 <sup>6</sup> .9.0 <sup>2</sup> ,13.0 <sup>5</sup> ,10]octadeca-7,15-diene	-	135821-74-8	15-Jan-2018	N
1,6,7,8,9,14,15,16,17,17,18,18-dodecachloropentacyclo[12.2.1.16.9.02,13.05,10]octadeca-7,15-diene	236-948-9	13560-89-9	15-Jan-2018	N
rel-(1R,4S,4aS,6aS,7S,10R,10aR,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-	-	15-Jan-2018	N
rel-(1R,4S,4aS,6aR,7R,10S,10aS,12aR)-1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-1,4:7,10-dimethanodibenzo[a,e]cyclooctene	-	-	15-Jan-2018	N
Perfluorohexane-1-sulphonic acid and its salts	-	-	07-Jul-2017	N
tridecafluorohexanesulphonic acid, compound with 2,2'-iminodiethanol (1:1)	274-462-9	70225-16-0	07-Jul-2017	N
ammonium perfluorohexane-1-sulphonate	269-511-6	68259-08-5	07-Jul-2017	N
potassium perfluorohexane-1-sulphonate	223-393-2	3871-99-6	07-Jul-2017	N
perfluorohexane-1-sulphonic acid	206-587-1	355-46-4	07-Jul-2017	N

Ethanaminium, N-[4-[[4-(diethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-ethyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1310480-24-0	07-Jul-2017	N
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(ethylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1310480-27-3	07-Jul-2017	N
Methanaminium, N-[4-[[4-(dimethylamino)phenyl][4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1310480-28-4	07-Jul-2017	N
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	-	1329995-45-0	07-Jul-2017	N
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid ion(1-)(1:1)	-	1329995-69-8	07-Jul-2017	N
Sulfonium, triphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	144116-10-9	07-Jul-2017	N
Quinolinium, 1-(carboxymethyl)-4-[2-[4-[4-(2,2-diphenylethenyl)phenyl]-1,2,3,3a,4,8b-hexahydrocyclopent[b]indol-7-yl]ethenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1462414-59-0	07-Jul-2017	N
Iodonium, diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	153443-35-7	07-Jul-2017	N
Methanaminium, N,N,N-trimethyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1)	-	189274-31-5	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with 2-methyl-2-propanamine (1:1)	-	202189-84-2	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, lithium salt (1:1)	-	55120-77-9	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, zinc salt	-	70136-72-0	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. with N,N-diethylethanamine (1:1)	-	72033-41-1	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	-	82382-12-5	07-Jul-2017	N
Iodonium, bis[(1,1-dimethylethyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1) (9CI)	-	866621-50-3	07-Jul-2017	N
Sulfonium, (4-methylphenyl)diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	910606-39-2	07-Jul-2017	N
Sulfonium, [4-[(2-methyl-1-oxo-2-propen-1-yl)oxy]phenyl]diphenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	911027-68-4	07-Jul-2017	N
Sulfonium, [4-[(2-methyl-1-oxo-2-propenyl)oxy]phenyl]diphenyl-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:1), polymer with 2-ethyltricyclo[3.3.1.1 <sup>3,7</sup> ]dec-2-yl 2-methyl-2-propenoate, 3-hydroxytricyclo[3.3.1.1 <sup>3,7</sup> ]dec-1-yl 2-methyl-2-propenoate and tetrahydro-2-oxo-3-furanyl 2-methyl-2-propenoate	-	911027-69-5	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, cesium salt (1:1)	-	92011-17-1	07-Jul-2017	N
Dibenzo[k,n][1,4,7,10,13]tetraoxathiacyclopentadecinium, 19-[4-(1,1-dimethylethyl)phenyl]-6,7,9,10,12,13-hexahydro-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	928049-42-7	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, gallium salt (9CI)	-	341035-71-0	07-Jul-2017	N
Sulfonium, bis(4-methylphenyl)phenyl-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	341548-85-4	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, scandium(3+) salt (3:1)	-	350836-93-0	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, neodymium(3+) salt (3:1)	-	41184-65-0	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, yttrium(3+) salt (3:1)	-	41242-12-0	07-Jul-2017	N
Sulfonium, (thiodi-4,1-phenylene)bis(diphenyl)-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic acid (1:2)	-	421555-73-9	07-Jul-2017	N
Iodonium, bis[4-(1,1-dimethylpropyl)phenyl]-, salt with 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonic	-	421555-74-0	07-Jul-2017	N
Sulfonium, tris[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	425670-70-8	07-Jul-2017	N
1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, compd. With pyrrolidine (1:1)	-	1187817-57-7	07-Jul-2017	N
N,N,N-triethylethanaminium tridecafluorohexane-1-sulfonate	-	108427-55-0	07-Jul-2017	N
N,N,N-tributylbutan-1-aminium tridecafluorohexane-1-sulfonate	-	108427-54-9	07-Jul-2017	N
Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	1000597-52-3	07-Jul-2017	N
Iodonium, bis[4-(1,1-dimethylethyl)phenyl]-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	-	213740-81-9	07-Jul-2017	N
p-(1,1-dimethylpropyl)phenol	201-280-9	80-46-6	12-Jan-2017	N
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	-	-	12-Jan-2017	N
Nonadecafluorodecanoic acid	206-400-3	335-76-2	12-Jan-2017	N
sodium nonadecafluorodecanoate	-	3830-45-3	12-Jan-2017	N
Ammonium nonadecafluorodecanoate	221-470-5	3108-42-7	12-Jan-2017	N
4-heptylphenol, branched and linear	-	-	12-Jan-2017	N
4-heptylphenol	217-862-0	1987-50-4	12-Jan-2017	N
Phenol, heptyl derivs.	276-743-1	72624-02-3	12-Jan-2017	N
Phenol, 4-(1-ethyl-1,2-dimethylpropyl)-	-	30784-27-1	12-Jan-2017	N
4-(2,3,3-trimethylbutan-2-yl)phenol	-	72861-06-4	12-Jan-2017	N
4-(2,4-dimethylpentan-2-yl)phenol	-	33104-11-9	12-Jan-2017	N
4-(3-ethylpentan-3-yl)phenol	-	37872-24-5	12-Jan-2017	N
4-(2-methylhexan-2-yl)phenol	-	30784-31-7	12-Jan-2017	N
4-(3,3-dimethylpentan-2-yl)phenol	-	911371-06-7	12-Jan-2017	N
4-(3-methylhexan-2-yl)phenol	-	854904-93-1	12-Jan-2017	N
4-(4,4-dimethylpentan-2-yl)phenol	-	911371-07-8	12-Jan-2017	N
4-(4-methylhexan-2-yl)phenol	-	71945-81-8	12-Jan-2017	N
4-(5-methylhexan-2-yl)phenol	-	857629-71-1	12-Jan-2017	N
4-(2,2-dimethylpentan-3-yl)phenol	-	861010-65-3	12-Jan-2017	N
4-(5-methylhexan-3-yl)phenol	-	854904-92-0	12-Jan-2017	N
4-(heptan-3-yl)phenol	-	6465-74-3	12-Jan-2017	N
4-(heptan-2-yl)phenol	-	6863-24-7	12-Jan-2017	N
4-(heptan-4-yl)phenol	-	6465-71-0	12-Jan-2017	N
4-(3-ethylpentyl)phenol	-	911370-98-4	12-Jan-2017	N
4-(3-methylhexyl)phenol	-	102570-52-5	12-Jan-2017	N
4-(4-methylhexyl)phenol	-	1139800-98-8	12-Jan-2017	N
4-(5-methylhexyl)phenol	-	100532-36-3	12-Jan-2017	N
4-(2,4-dimethylpentan-3-yl)phenol	-	1824346-00-0	12-Jan-2017	N
Phenol, 4-tert-heptyl-	-	288864-02-8	12-Jan-2017	N

4-(2,3-dimethylpentan-2-yl)phenol	-	861011-60-1	12-Jan-2017	N
4-(3-methylhexan-3-yl)phenol	-	30784-32-8	12-Jan-2017	N
4,4'-isopropylidenediphenol	201-245-8	80-05-7	12-Jan-2017	N
Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	20-Jun-2016	N
Perfluorononan-1-oic-acid and its sodium and ammonium salts	-	-	17-Dec-2015	N
Perfluorononan-1-oic-acid	206-801-3	375-95-1	17-Dec-2015	N
sodium heptadecafluorononanoate	-	21049-39-8	17-Dec-2015	N
ammonium heptadecafluorononanoate	-	4149-60-4	17-Dec-2015	N
Nitrobenzene	202-716-0	98-95-3	17-Dec-2015	N
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17-Dec-2015	N
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17-Dec-2015	N
1,3-propanesultone	214-317-9	1120-71-4	17-Dec-2015	N
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2]	-	-	15-Jun-2015	N
Reaction mass of 5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane and 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	413-720-9	-	15-Jun-2015	N
1,3-Dioxane, 2-(2,4-dimethyl-3-cyclohexen-1-yl)-5-methyl-5-(1-methylpropyl)-	-	117933-89-8	15-Jun-2015	N
5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-	15-Jun-2015	N
5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane	-	-	15-Jun-2015	N
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-05-8	15-Jun-2015	N
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-rel-	-	343934-04-3	15-Jun-2015	N
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-09-2	15-Jun-2015	N
1,3-Dioxane, 2-[(1R,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-rel-	-	343934-05-4	15-Jun-2015	N
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-04-7	15-Jun-2015	N
1,3-Dioxane, 2-[(1R,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-08-1	15-Jun-2015	N
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-03-6	15-Jun-2015	N
1,3-Dioxane, 2-[(1S,2R)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-07-0	15-Jun-2015	N
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, cis-	-	676367-02-5	15-Jun-2015	N
1,3-Dioxane, 2-[(1S,2S)-2,4-dimethyl-3-cyclohexen-1-yl]-5-methyl-5-(1-methylpropyl)-, trans-	-	676367-06-9	15-Jun-2015	N
Reaction mass of 5-[(2R)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2R)-butan-2-yl]-2-[(1R,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1R,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,2R)-2,4-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane and 5-[(2S)-butan-2-yl]-2-[(1S,6R)-4,6-dimethylcyclohex-3-en-1-yl]-5-methyl-1,3-dioxane	-	-	15-Jun-2015	N
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	-	-	15-Jun-2015	N
1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	272-013-1	68648-93-1	15-Jun-2015	N
1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters	271-094-0	68515-51-5	15-Jun-2015	N
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	17-Dec-2014	N
Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	17-Dec-2014	N
Sulfuric acid, cadmium salt (1:1), hydrate	626-360-4	15244-35-6	17-Dec-2014	N
Sulfuric acid, cadmium salt, hydrate (3:3:8)	616-572-5	7790-84-3	17-Dec-2014	N
Cadmium fluoride	232-222-0	7790-79-6	17-Dec-2014	N
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17-Dec-2014	N
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17-Dec-2014	N
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17-Dec-2014	N
Sodium peroxometaborate	231-556-4	7632-04-4	16-Jun-2014	N
Sodium perborate, perboric acid, sodium salt	-	-	16-Jun-2014	N
Sodium perborate monohydrate	-	10332-33-9	16-Jun-2014	N
Perboric acid, sodium salt, tetrahydrate ( )	-	37244-98-7	16-Jun-2014	N
Perboric acid (HBO(O <sub>2</sub> )), sodium salt, tetrahydrate	-	10486-00-7	16-Jun-2014	N
Perboric acid, sodium salt	234-390-0	11138-47-9	16-Jun-2014	N
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium, hydrate (1:2:6)	-	125022-34-6	16-Jun-2014	N
Sodium perborate	239-172-9	15120-21-5	16-Jun-2014	N
Perboric acid (H <sub>3</sub> BO <sub>2</sub> (O <sub>2</sub> )), monosodium salt, trihydrate	-	13517-20-9	16-Jun-2014	N
Borate(2-), tetrahydroxybis[μ-(peroxy-κO1:κO2)]di-, sodium (1:2)	-	90568-23-3	16-Jun-2014	N
Cadmium chloride	233-296-7	10108-64-2	16-Jun-2014	N
cadmium chloride (CdCl <sub>2</sub> ), hydrate (2:5)	640-998-0	7790-78-5	16-Jun-2014	N
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	16-Jun-2014	N
Trixylyl phosphate	246-677-8	25155-23-1	16-Dec-2013	N
Lead di(acetate)	206-104-4	301-04-2	16-Dec-2013	N
Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16-Dec-2013	N
Disodium 4-amino-3-[[4'-(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	217-710-3	1937-37-7	16-Dec-2013	N
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	16-Dec-2013	N
Dihexyl phthalate	201-559-5	84-75-3	16-Dec-2013	N
Cadmium sulphide	215-147-8	1306-23-6	16-Dec-2013	N
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20-Jun-2013	N
Dipentyl phthalate (DPP)	205-017-9	131-18-0	20-Jun-2013	N

<b>ROHS LIST</b>	
<b>Elmet Technologies LLC</b>	
<b>NAME</b>	<b>In use in product? Y/N</b>
Lead (Pb)	N
Mercury (Hg)	N
Cadmium (Cd)	N
Hexavalent chromium (CrVI)	N
Polybrominated Biphenyls (PBB)	N
Polybrominated Diphenyl Ethers (PBDE inclusive Deca-	N
Bis(2-ethylhexyl) phthalate (DEHP)	N
Benzyl butyl phthalate (BBP)	N
Dibutyl phthalate (DBP)	N
Diisobutyl phthalate (DIBP)	N