SHERWIN-WILLIAMS.

RAW MATERIAL INFORMATION FORM (RMIF)

As a global paint and coatings manufacturer Sherwin-Williams requires certain information on the physical properties, composition and global chemical inventory compliance for all incoming raw materials. For the following material, please have a technical expert provide the information requested to assist with our data gathering efforts.

Instructions: Please complete and return this form along with a current Safety Data Sheet (SDS) and Product Data Sheet (PDS).

SECTION 1. Product and Company Identification:

To be filled out by S-W Requestor	PRODUCT TRADE NAME:			
S-W REQUESTOR:	SW LAB CODE:	PRODUCT CATEGORY:		
Identify jurisdiction(s) where raw material will be us goods containing the raw material will be sold.	ed in production/manufacturing (Mfg) si	tes AND jurisdiction(s) of <u>targeted markets</u> where finished		
Mfg Targeted	Mfg Targeted Sites / Markets EMEAI - Finland EMEAI - France EMEAI - Germany EMEAI - India EMEAI - Ireland EMEAI - Italy EMEAI - Netherlands EMEAI - Poland EMEAI - South Africa EMEAI - Sweden EMEAI - Switzerland EMEAI - Other*	Mfg Targeted Sites / Markets / ANZ - Australia / ANZ - New Zealand / ANZ - Other* / Asia - China / Asia - Malaysia / Asia - Thailand / Asia - Other* / Asia - Other* / Asia - Other*		

VENDOR - Please complete form below based on Region for use listed above.

CHEMICAL DESCRIPTION:	
MANUFACTURER:	DISTRIBUTOR (optional):
PREPARED BY:	TITLE:
EMAIL:	PHONE:
DATE COMPLETED:	WEBSITE:

SECTION 2. Composition: Please disclose 100% composition. Include all intentionally added substances (including preservatives, stabilizers, additives, unknown residuals, reaction products, biocides, impurities) present at 1.0x10⁻⁷wt% (1 ppb) or greater. If proprietary components exist, please complete to the best of your knowledge the "Undisclosed Materials" table.

						Compl	ete for <u>Undisclose</u>	Materials Only
Chemical Description	CAS #	REACH Registration #	Density	Wt. %	Vol. %	VOC Status	GHS Classification	Restricted Substance (Please provide details)

Definitions:

- Undisclosed: Indicates that the manufacturer knows the chemical identity and chooses not to disclose.
- Restricted Substances: Chemicals governed or restricted by substance specific regulations in the USA, Canada, Europe, China, Korea, Japan, Thailand, New Zealand, Australia or any other country. Examples: SNUR, SNAc, TSCA 12(b), PIC Regulation (EU) 649/2012, REACH: Annex 14 or 17, Banned lists, etc.

2.1. Biocides: Does the material contain any Biocides? Yes No

If the material contains a Biocide(s) please specify below:

Name	CAS #	Wt. %

SECTION 3. Physical Properties: The following information is required if not declared on the SDS.

Physical State:	Color:	Odor:	Odor threshold (ppm	n)	
Density (g/cm3)	Flash Point:	(°C)	pH(min)	(max)	
NVM wt. %	Solvent wt. %		Resin wt. %	H2O wt. %	
NVM vol. %	Solvent vol. %		Resin vol. %	H ₂ O vol. %	
VOC (g/l)	VOC Determination Metho	d	MIR	MIR California	
VOC wt. %	Exempt Solvent wt. %	*Please list regi	ons and reasons for ex	emption:	
Vapor Density (kg/m³) Vapor Pressure (mmHg)	Boiling R @ 20°C Auto Ign	ange to ition Temp.	. ,	Evaporation rate (Bu-Ac) Evaporation rate (Ether)	
LEL UEL	Heat of	Combustion (kJ/g)		Kinematic Viscosity	Cst. @ 40°C

SECTION 4. Storage & Handling: The following information is r	equired if not declared on the SDS.	
Protect From (check all that apply): Heat Moisture Light F	reeze Shelf Life	(months):
Storage Temperature (C): min max		
For Powder products only: Minimum Ignition Energy (Joules)	Layer Ignition Temperature (C)	Dust Deflagration Index (Kst)

SECTION 5. Global Chemical Compliance:

Please complete all sections regardless of region of use.

Please indicate if this product and/or its components are listed on the following global chemical inventories. Provide details if any components of the material are not listed on these inventories or if any restrictions apply. Also include details on any materials that are in the process of registration and their anticipated date of completion.

Global Chemical Inventories:

Country	Inventory	Are all substances in this material listed or exempt from listing on the following inventories?	Details and Comments: For all "No" answers or exemptions, please provide details on those substances. (Include description, CAS (if applicable), and wt%)	Are any substances in this material subject to restrictions, authorizations, or requirements? Please list all applicable substances and restrictions.
USA	TSCA (Active)*			
Canada	DSL			
Canada	NDSL			
Australia	AICS			
China	IECSC			
Japan	ENCS			
Japan	ISHL			
Korea	KECI			
New Zealand	NZIoC			
Philippines	PICCS			
Switzerland	ChemO			
Taiwan	TCSI			
Turkey	CICR / KKDIK			

*For "Yes" answers to TSCA Active that contain proprietary ingredients, please specify the accession numbers or CDX receipts for these ingredients in the details column.

For regions that are not listed or exempt, would you be willing support a Sherwin-Williams or a jointregistration?

- Joint Notification with no disclosure required
- Full disclosure to support a Sherwin-Williams registration

EU REACH (EC) No. 1907/2006 and other EU regulations

- Are all substances in the product REACH-registered in accordance with REACH?
 - If applicable, please provide explanation of exemptions
 - Are all polymers manufactured from monomers registered in accordance with REACH?
 - If applicable, please provide explanation of exemptions
- Is this material manufactured in the EU or the European Economic Area?
- If requested, would your company support our volumes through your Only Representative in the EU?
- Are any substances in this material subject to any restrictions under REACH (Such as SVHC Candidate List, Annex XIV, Annex XVII) or other EU requirements, such as BPR, PIC)?
 - Please list all substances subject to restriction, which restriction the substance is subject to, and the regulatory reference if applicable.
- Has the product been given a UFI (Unique formula identifier) in accordance with CLP Annex VIII (Regulation (EU) 2017/542)?
 - If 'Yes', provide the UFI:

Turkey KKDIK

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• If requested, would your company support our volumes through your Only Representative in Turkey?

SECTION 6. Regulated Materials: If present, report levels for the regulated materials listed or otherwise reportable under various regulations regardless of the level. If test data is available please provide an exact amount, if result is less than detection limit, leave blank. Please attach any relevant analytical reports.

6.1 METALS:

Please indicate the percentages at which the following metals (as total metal content) are present in your material.

Check here if the material does not contain any of the below listed regulated materials, then continue to next table.

Metal/Metal compound	YES	No	Metal/Metal compound	YES	No
	Wt. %	(under detection limit)		Wt. %	(under detection limit)
Aluminium (Al)			Lithium (Li)		
Antimony (Sb)			Manganese (Mn)		
Antimony compounds			Manganese compounds		
Arsenic (As)			Mercury (Hg)		
Arsenic compounds			Mercury compounds		
Barium (Ba)			Molybdenum (Mo)		
Barium compounds			Nickel (Ni)		
Beryllium (Be)			Nickel compounds		
Beryllium compounds			Rare earths		
Bismuth (Bi)			Selenium (Se)		
Boron (B)			Selenium compounds		
Cadmium (Cd)			Silver (Ag)		
Cadmium compounds			Silver compounds		
Cerium (Ce)			Strontium (Sr)		
Chromium (total)			Tantalum (Ta)		
Chromium (III) (Cr 3+)			Tellurium (Te)		
Chromium (VI) (Cr 6+)			Thallium (TI)		
Chromium compounds			Thallium compounds		
Cobalt (Co)			Tin (Sn)		
Cobalt compounds			Tin compounds		
Copper (Cu)			Tungsten (W)		
Copper compounds			Vanadium (V)		
Gold (Au)			Zinc (Zn)		
Iron (Fe)			Zinc compounds		
Lead (Pb)			Zirconium (Zr)		
Lead compounds			Zirconium compounds		

Please indicate the percentages at which the following monomers are present in your material.

Check here if the material does not contain any of the below listed regulated materials, then continue to next table.

Substance	YES Wt. %	NO (under detection limit)	Substance	YES Wt. %	NO (under detection limit)
Acrylic acid (CAS: 79-10-7)			MDI (CAS: 26447-40-5, 101-68-8, 2536-05-2, 5873-54-1)		
Acrylonitrile monomer (CAS: 107-13-1)			Methylmethacrylate monomer (CAS: 80-62-6)		
Butadiene monomer (CAS: 106-99-0)			Styrene monomer (CAS: 100-42-5)		
Butyl acrylate monomer (CAS: 141-32-2)			4-Methyl-m-phenylene diisocyanate, TDI monomer (CAS 26471-62-5)		
HMDI monomer (CAS: 822-06-0)			2,6-TDI monomer (CAS: 91-08-7)		
			2,4-TDI monomer (CAS: 584-84-9)		
Hydroxethyl acrylate monomer (CAS: 818-61-1)			Total TDI monomer		
Hydroxypropyl acrylate monomer (CAS: 25584-83-2)			Vinyl acetate monomer (CAS: 108-05-4)		
IPDI monomer (CAS: 4098-71-9)			Vinyl toluene monomer (CAS: 622-97-9)		

6.3 MISCELLANEOUS:

Please indicate the percentages at which the following materials are present in your material.

Check here if the material does not contain any of the below listed regulated materials, then continue to next table.

Substance	Cas #	YES Wt. %	No (under detection limit)	Substance	Cas #	YES Wt. %	No (under detection limit)
Alkylphenols, Alkyl phenol Ethoxylates or Alkyl Phenol Phosphite or Alkylphenol Derivatives/Alkylphenol Ethoxylate Derivatives*Nonylphenols Ethoxylates (NPEs)				Halogenated Organic Compounds			
Aromatic Solvents				Natural rubber latex	9006-04-6		
Asbestos (any form)				Nitrogen Total			
Benzene	71-43-2			Organotin			
Bisphenol A, F or S	80-05-7 87139-40-0 80-09-1			Polycylic Aromatic Hydrocarbons (PAH)			
Crystalline Silica (respirable)	14808-60-7 14464-46-1 15468-32-3			Polychlorinated Biphenyl (PCB)			
Crystalline Silica (non-respirable)	14808-60-7 14464-46-1 15468-32-3			Polyvinyl Chloride (PVC)	9002-86-2		
Phthalates				Primary Aromatic Amines **			
Fragrances				Rosin (colophony)	8050-09-7		
Formaldehyde	50-00-0			Silicon			
Glycol Ether (GE)				Other Regulated Materials			

*Alkylphenol derivatives are defined as substances that shed alkylphenols during degradation.

** According to EN71-9

6.4 PFAS material*

Does this material contain any Per- and polyfluoroalkyl substance (PFAS) including its salts or related substances?

*as defined in the following regulations: **Europe:** REACh Annex XVII, Entry 68; Annex I of EU Regulation 2019/1021;

Canada: Prohibition of Certain Toxic Substances Regulations (as of December 2017);

USA: TSCA 40 CFR 721.9582; TSCA Proposed Significant New Use Rule; Toxic Release Inventory

If 'Yes', please provide the following:

Chemical Description	CAS #	Wt. %

6.5 EU Toys directive 2009/48/EC

Does this material fulfill the migration limits specified for metals/metal compounds?

6.6 Other Regulated Materials: If not listed in section 5.1 please provide if listed on SARA, RCRA, Air Toxics, Prop 65, CPSIA, SVHC, etc.

Chemical Description	CAS #	Wt. %

6.7 Controlled Substances and Precursor Chemicals / Drug Precursors: Provide information on whether the product is subject to control by the following government bodies or any other not listed specifically.

Country Agency		Legislation	Controlled (Yes/No)	Details (List I/II/III, etc.)
Argentina	Ministry of Security RENPRE	Law N° 26.045, Decree 1095/96, its amendment and supplementary rules.		
Brazil	Federal Police	Ordinance 1274/2003		
Brazil	Civil Police	Decree 6911/1935, D.O.E. 113 from 09 August 2003		
Brazil	Army	Decree 3665/2000		
Brazil	Brazil Health Regulatory Agency (Anvisa)			
Colombia	Ministry of Justice	Resolution 0001/2015		
Chile Ministry of Interior and Publi Security – Controlled Substances Department		Decree 1358/2007		
Ecuador	SETED	Resolution SETED-ST-2016-020		
Mexico	Mexico Official Federation	Federal Law for the Control of Chemical Precursors and Chemical Products and Machinery Essentials for the Production of Capsules, Tablets, and/or Pills		
Peru SUNAT		Legislative Decree 1126/2015, Supreme Decree 268-2019-EF		
Uruguay	Ministry of Public Health – Controlled Substances Division	Decree 391/002 and supplementary rules.		
Any other not listed specifically				

6.8 Nano material*

Does the material contain any nano materials?
Yes No

If "Yes", is it intentionally manufactured at the nano-scale?
Yes No

If "Yes", according to which definition(s)? (e.g. ISO, 2011/696/EU, CEPE, other)

If "Yes", please provide the following:

Chemical Description	CAS # or EINECS # "undisclosed" or "unknown"	Wt. %	Characterize (Size, Shape, etc.)	Countries Where Registered	Registration Number

* Definition: A substance at nano-scale is a substance as defined in Article 3 of EC regulation No 1907/2006, intentionally produced at nanometric scale, containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for a minimum proportion [50%] of particles in the number size distribution, one or more external dimensions is in the size range 1 nm – 100 nm.

SECTION 7. Food Contact Compliance:

Please indicate if this product and/or all of its components are compliant with food contact regulations in the following regions. Please provide details of conditions of use, specific migration limits, etc.

- This material has not been reviewed for food contact applications.
- This material is not approved for food contact applications.

	Global Region/ Regulatory Authority	Status
a.	USA Food and Drug Administration (FDA) (include 21 CFR 175.300 status)	
b.	USA Department of Agriculture (USDA)	
с.	European Union Food Safety Authority (include SMLs/direct food additives)	
d.	Health Canada, Health Products and Food Branch (include submissions for Letters of No Objection)	
e.	China (GB 9685)	
f.	South America (including MERCOSUR)	
g.	Asia/Other Food Contact	

SECTION 8. Transportation*

GLOBAL HARMONIZED TARIFF CODE:

Preference Code:

Country of Crigin:

	UN/ID Number	Proper Shipping Name	Hazard Class	Packing Group
DOT				
IATA				
IMDG				

Hazard Labels applied to packaging (Check all that apply):

NON-FLAMMABLE GAS	FLAMMABLE GAS	FLAMMABLE LIQUID	COMBUSTIEL COMBUSTIEL	DANGEROUS WIP	LAMMAUE EDUR	DXIDIZER 5.1
ORGANIC PEROXIDE		CORROSIVE 8		ORM-D		\bigcirc

1. IMDG Marine Pollutant?
Yes No List MP Chemical

2. US EPA Hazardous Substance?
Yes No List HS Chemical

3. Outer/Single Packaging: Carton Pail Drum Other (describe)

4. Material of construction: Fiberboard Steel Plastic Other (describe)

5. UN - specification packaging? Yes No Specification Code:

6. Inner Packaging: Aerosol can friction-lid can f-style can bottle bag Other (describe)

7. Material of construction: 🗌 Fiberboard 🗌 Steel 🗌 Plastic 🗌 Other (describe) _____

8. Size (capacity, not fill level) of inner or single packaging:

9. Is any of the inner or outer packaging made of post-consumer recycled materials? 🗌 Yes 🗌 No

 What material?
 What Percentage?
 NFPA Storage Classification (Aerosols only):

*For questions regarding this section email TransportCompliance@sherwin.com

Thank you for your assistance in our data gathering efforts. End of document.