SAFETY DATA SHEET

1. Identification

103216 Not available.			
Not available.			
None known.			
er/Distributor information			
-			
Customer Service	978-777-1100		
www.itwperformancepolyme	ers.com		
Not available.			
EHS Department			
	/03-527-5667		
on			
Flammable liquids		Category 3	
Acute toxicity, oral		Category 4	
Skin corrosion/irritation		Category 2	
Serious eye damage/eye irri	itation	Category 2A	
Sensitization, skin		Category 1A	
Germ cell mutagenicity		Category 1B	
Carcinogenicity		Category 1B	
Reproductive toxicity		Category 2	
Specific target organ toxicity exposure	v, repeated	Category 1	
Aspiration hazard		Category 1	
Not classified.			
Not classified.			
	ITW Performance Polymers 30 Endicott Street Danvers, MA 01923 United States Customer Service www.itwperformancepolyme Not available. EHS Department Chemtrec International DN Flammable liquids Acute toxicity, oral Skin corrosion/irritation Serious eye damage/eye irrit Sensitization, skin Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity exposure Aspiration hazard Not classified. Not classified.	ITW Performance Polymers 30 Endicott Street Danvers, MA 01923 United States Customer Service 978-777-1100 www.itwperformancepolymers.com Not available. EHS Department Chemtrec 800-424-9300 International 703-527-3887 D F lammable liquids Acute toxicity, oral Skin corrosion/irritation Serious eye damage/eye irritation Sensitization, skin Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ toxicity, repeated exposure Aspiration hazard Not classified.	ITW Performance Polymers 30 Endicott Street Danvers, MA 01923 United States Customer Service 978-777-1100 www.itwperformancepolymers.com Not available. EHS Department Chemtrec 800-424-9300 International 703-527-3887 D Flammable liquids Category 3 Acute toxicity, oral Category 4 Skin corrosion/irritation Category 2 Serious eye damage/eye irritation Category 2A Sensitization, skin Category 1A Germ cell mutagenicity Category 1B Carcinogenicity Category 1B Reproductive toxicity, repeated Category 1 Reproductive toxicity, repeated Category 1 Aspiration hazard Category 1 Not classified. Not classified.

Danger Hazard statement

Signal word

Flammable liquid and vapor. Harmful if swallowed. May be fatal if swallowed and enters airways. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure.

PreventionObtain 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. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face protection.ResponseIf swallowed: Immediately call a poison center/doctor. Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. If skin articiton or rash occurs: Get medical advice/attention. If skin articiton or rash occurs: Get medical advice/attention. If skin advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.StorageStore in a well-ventilated place. Keep cool. Store locked up.DisposalDispose of contents/container in accordance with local/regional/national/international regulations.Hazard(s) not otherwise classified (HNOC)Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.None.	Precautionary statement	
on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use appropriate media to extinguish.Storage DisposalStore in a well-ventilated place. Keep cool. Store locked up.Dispose of contents/container in accordance with local/regional/national/international regulations.Hazard(s) not otherwise classified (HNOC)Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.	Prevention	and understood. Keep away from heat/sparks/open flames/hot surfaces No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Do not breathe mist/vapors. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves/protective clothing/eye protection/face
DisposalDispose of contents/container in accordance with local/regional/national/international regulations.Hazard(s) not otherwise classified (HNOC)Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.	Response	on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. If skin irritation or rash occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use
Hazard(s) not otherwise classified (HNOC)Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.	Storage	Store in a well-ventilated place. Keep cool. Store locked up.
classified (HNOC) grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.	Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental information None.	classified (HNOC)	
	Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Polyester Resin		N/A	40 - 60
STYRENE		100-42-5	20 - 40
Natural Wollastonite		13983-17-0	2.5 - 10
Silicon Dioxide	Silica, amorphous, fumed, crystfree	112945-52-5	1 - 2.5
Synthetic Amorphous Silica, Pptd.		112926-00-8	1 - 2.5
6% Cobalt Octoate		136-52-7	0.1 - 1
Titanium Dioxide	TITANIUM DIOXIDE	13463-67-7	0.1 - 1
Other components below reportable	e levels		10 - 20

4. First-aid measures	
Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. In case of eczema or other skin disorders: Seek medical attention and take along these instructions. Wash contaminated clothing before reuse.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.
Most important symptoms/effects, acute and delayed	Aspiration may cause pulmonary edema and pneumonitis. Headache. Dizziness. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash. Prolonged exposure may cause chronic effects.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Water for Foam Carbon dioxide (CO2) Dry chemical powder carbon dioxide sand or earth may

Suitable extinguishing media	1
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Water fog. Foam. Carbon dioxide (CO2). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapors may form explosive mixtures with air. Vapors may travel considerable distance to a source of ignition and flash back. This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly grounded containers. Static electricity accumulation may be significantly increased by the presence of small quantities of water or other contaminants. Material will float and may ignite on surface of water. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.
General fire hazards	Flammable liquid and vapor.
6. Accidental release mea	
Personal precautions, protective equipment and emergency procedures	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist/vapors. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Use appropriate containment to avoid environmental contamination. Transfer by mechanical means such as vacuum truck to a salvage tank or other suitable container for recovery or safe disposal. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.
Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools.
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use. Put material in suitable, covered, labeled containers. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid discharge into drains, water courses or onto the ground. Use appropriate containment to avoid environmental contamination.
7. Handling and storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. Explosion-proof general and local exhaust ventilation. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Do not breathe mist/vapors. Do not taste or swallow. Avoid contact with eyes, skin, and clothing. Avoid prolonged exposure. When using, do not eat, drink or smoke. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Observe good industrial hygiene practices.
	For additional information on equipment bonding and grounding, refer to the Canadian Electrical Code in Canada, (CSA C22.1), or the American Petroleum Institute (API) Recommended Practice 2003, "Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents" or National Fire Protection Association (NFPA) 77, "Recommended Practice on Static Electricity" or National Fire Protection Association (NFPA) 70, "National Electrical Code".

Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Eliminate sources of ignition. Avoid spark promoters. Ground/bond container and equipment. These alone may be insufficient to remove static electricity. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure controls/personal protection

Occupational exposure limits

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.

Components	Туре	Value	Form
Titanium Dioxide (CAS 13463-67-7)	PEL	15 mg/m3	Total dust.
US. OSHA Table Z-2 (29 CFR 19			
Components	Туре	Value	
STYRENE (CAS 100-42-5)	Ceiling	200 ppm	
	TWA	100 ppm	
US. OSHA Table Z-3 (29 CFR 19	10.1000)		
Components	Туре	Value	Form
Silicon Dioxide (CAS 112945-52-5)	TWA	0.8 mg/m3	
		20 mppcf	
Synthetic Amorphous Silica, Pptd. (CAS 112926-00-8)	TWA	0.8 mg/m3	
		20 mppcf	
Titanium Dioxide (CAS 13463-67-7)	TWA	5 mg/m3	Respirable fraction.
		15 mg/m3	Total dust.
		50 mppcf	Total dust.
		15 mppcf	Respirable fraction.
US. ACGIH Threshold Limit Valu	ies		
Components	Туре	Value	
STYRENE (CAS 100-42-5)	STEL	40 ppm	
	TWA	20 ppm	
Titanium Dioxide (CAS 13463-67-7)	TWA	10 mg/m3	
US. NIOSH: Pocket Guide to Ch	emical Hazards		
Components	Туре	Value	
Silicon Dioxide (CAS 112945-52-5)	TWA	6 mg/m3	
STYRENE (CAS 100-42-5)	STEL	425 mg/m3	
		100 ppm	
	TWA	215 mg/m3	
		50 ppm	
Synthetic Amorphous Silica, Pptd. (CAS 112926-00-8)	TWA	6 mg/m3	
ogical limit values			
ACGIH Biological Exposure Ind Components Value	ces	nt Specimen Samplin	

ACGIH Biological Exposure	e Indices			
Components	Value	Determinant	Specimen	Sampling Time
	400 mg/g	Mandelic acid plus phenylglyoxylic acid	Creatinine in urine	*
* - For sampling details, plea	se see the source doc	ument.		
Exposure guidelines				
US - California OELs: Skin	designation			
STYRENE (CAS 100-42	,		absorbed throug	gh the skin.
US - Minnesota Haz Subs:	• · ·			
STYRENE (CAS 100-42	,		signation applies	
Appropriate engineering controls	Ventilation rates sho exhaust ventilation,	ould be matched to or other engineering xposure limits have	conditions. If ap g controls to mai not been establi	accord general ventilation should be used. plicable, use process enclosures, local intain airborne levels below recommended shed, maintain airborne levels to an nower.
Individual protection measures		• •		
Eye/face protection	Chemical respirator	with organic vapor	cartridge and ful	l facepiece.
Skin protection Hand protection	Wear appropriate cl	hemical resistant glo	oves.	
Other	Wear appropriate cl	hemical resistant clo	othing. Use of an	impervious apron is recommended.
Respiratory protection	Chemical respirator	with organic vapor	cartridge and ful	I facepiece.
Thermal hazards	Wear appropriate th	ermal protective clo	othing, when nec	essary.
General hygiene considerations	and drink. Always o material and before	bserve good person eating, drinking, an	al hygiene meas d/or smoking. F	using do not smoke. Keep away from food sures, such as washing after handling the toutinely wash work clothing and protective c clothing should not be allowed out of the

9. Physical and chemical properties

Appearance	Liquid.
Physical state	Liquid.
Form	Liquid.
Color	Greenish-blue.
Odor	Aromatic
Odor threshold	Not available.
рН	Not available.
Melting point/freezing point	-23.8 °F (-31 °C) estimated
Initial boiling point and boiling range	293 °F (145 °C) estimated
Flash point	82.4 °F (28.0 °C) estimated
Evaporation rate	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or exp	losive limits
Flammability limit - lower (%)	1.1 % estimated
Flammability limit - upper (%)	6.1 % estimated
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	8.53 hPa estimated
Vapor density	Not available.

Relative density	Not available.
Solubility(ies)	
Solubility (water)	Not available.
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	914 °F (490 °C) estimated
Decomposition temperature	Not available.
Viscosity	Not available.
Other information	
Density	1.29 g/cm3 estimated
Explosive properties	Not explosive.
Flammability class	Flammable IC estimated
Oxidizing properties	Not oxidizing.
Specific gravity	1.29 estimated

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	Hazardous polymerization does not occur.
Conditions to avoid	Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.
Incompatible materials	Strong acids. Strong oxidizing agents. Aluminum. Peroxides.
Hazardous decomposition products	No hazardous decomposition products are known.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	Causes skin irritation. May cause an allergic skin reaction.
Eye contact	Causes serious eye irritation.
Ingestion	Harmful if swallowed. Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.
Symptoms related to the physical, chemical and toxicological characteristics	Aspiration may cause pulmonary edema and pneumonitis. Headache. Dizziness. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain. May cause an allergic skin reaction. Dermatitis. Rash.

Information on toxicological effects

May be fatal if swallowed and e	nters airways.
Species	Test Results
45-52-5)	
Rat	> 22500 mg/kg
Rat	24 mg/l, 4 Hours
Rat	1 g/kg
a, Pptd. (CAS 112926-00-8)	
Rat	> 22500 mg/kg
•	Species 45-52-5) Rat Rat Rat a, Pptd. (CAS 112926-00-8)

Skin corrosion/irritation	Causes skin irritation.		
Serious eye damage/eye irritation	Causes serious eye irritation.		
Respiratory or skin sensitization	I		
Respiratory sensitization	Due to partial or complete lack	 of data the classification is not possible. 	
Skin sensitization	May cause an allergic skin rea	action.	
Germ cell mutagenicity	May cause genetic defects.		
Carcinogenicity	May cause cancer.		
IARC Monographs. Overall E	Evaluation of Carcinogenicity		
Titanium Dioxide (CAS 13	945-52-5) 5) ca, Pptd. (CAS 112926-00-8) 8463-67-7)	 3 Not classifiable as to carcinogenicity to humans. 3 Not classifiable as to carcinogenicity to humans. 2A Probably carcinogenic to humans. 3 Not classifiable as to carcinogenicity to humans. 2B Possibly carcinogenic to humans. 	
Not listed.	d Substances (29 CFR 1910.10	501-1053)	
	gram (NTP) Report on Carcin	ogens	
6% Cobalt Octoate (CAS	136-52-7)	Reasonably Anticipated to be a Human Carcinogen.	
STYRENE (CAS 100-42-5	,	Reasonably Anticipated to be a Human Carcinogen. Suspected of damaging fertility or the unborn child.	
Reproductive toxicity	•		
Specific target organ toxicity - single exposure	Due to partial or complete lack	< of data the classification is not possible.	
Specific target organ toxicity - repeated exposure	Causes damage to organs thr	ough prolonged or repeated exposure.	
Aspiration hazard	May be fatal if swallowed and	enters airways.	
Chronic effects	Prolonged inhalation may be h exposure. Prolonged exposure	narmful. Causes damage to organs through prolonged or repeated e may cause chronic effects.	
12. Ecological information	l		
Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.		
Persistence and degradability	No data is available on the de	gradability of any ingredients in the mixture.	
Bioaccumulative potential			
Partition coefficient n-octan STYRENE	ol / water (log Kow)	2.95	
Mobility in soil	No data available.		
Other adverse effects		tal effects (e.g. ozone depletion, photochemical ozone creation , global warming potential) are expected from this component.	
13. Disposal consideration	ns		
Disposal instructions	material under controlled conc containers. If discarded, this p	e in sealed containers at licensed waste disposal site. Incinerate the ditions in an approved incinerator. Do not incinerate sealed product is considered a RCRA ignitable waste, D001. Dispose of nce with local/regional/national/international regulations.	
Local disposal regulations	Dispose in accordance with al		
Hazardous waste code	Doo1: Waste Flammable material with a flash point <140 F The waste code should be assigned in discussion between the user, the producer and the waste disposal company.		
Waste from residues / unused products		local regulations. Empty containers or liners may retain some al and its container must be disposed of in a safe manner (see:	
Contaminated packaging		retain product residue, follow label warnings even after container is ould be taken to an approved waste handling site for recycling or	
14. Transport information			
DOT			

UN number

UN1866

UN proper shipping name Transport hazard class(es)	Resin solution, flammable
Class	3
Subsidiary risk	- 3
Label(s) Packing group	
	r Read safety instructions, SDS and emergency procedures before handling.
Special provisions	149, B52, IB2, T4, TP1, TP8
Packaging exceptions	150
Packaging non bulk Packaging bulk	173 242
IATA	
UN number	UN1866
UN proper shipping name	Resin solution flammable
Transport hazard class(es)	
Class	3
Subsidiary risk Packing group	-
Environmental hazards	No.
ERG Code	3L
• •	r Read safety instructions, SDS and emergency procedures before handling.
Other information	
Passenger and cargo aircraft	Allowed with restrictions.
Cargo aircraft only	Allowed with restrictions.
IMDG	
UN number UN proper shipping name	UN1866 RESIN SOLUTION flammable
Transport hazard class(es)	
Class	3
Subsidiary risk	-
Packing group	ll
Environmental hazards	Na
Marine pollutant EmS	No. F-E, <u>S-E</u>
	r Read safety instructions, SDS and emergency procedures before handling.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not established.

DOT





15. Regulatory information

US federal regulations	This product is a "Haza Standard, 29 CFR 191		efined by the OSHA Hazard Communication
US EPCRA (SARA Title	III) Section 313 - Toxic	Chemical: De minimi	s concentration
6% Cobalt Octoate (CAS 136-52-7)	% 1.0 N096	
STYRENE (CAS 100		% 0.1	
	-		ostance
STYRENE (CAS 100		Listed.	
Toxic Substances Control A	(<i>)</i>		
TSCA Section 12(b) Exp	port Notification (40 CF	R 707, Subpt. D)	
Not regulated.			
CERCLA Hazardous Substa)	
6% Cobalt Octoate (CAS STYRENE (CAS 100-42- SARA 304 Emergency relea	-5)	Listed. Listed.	
Not regulated. OSHA Specifically Regulate		1910,1001-1053)	
Not listed.			
Superfund Amendments and Re	eauthorization Act of 19	86 (SARA)	
SARA 302 Extremely hazard			
Not listed.			
SARA 311/312 Hazardous chemical	Yes		
Classified hazard categories	Flammable (gases, ae Acute toxicity (any rout Skin corrosion or irritat Serious eye damage o Respiratory or skin ser Germ cell mutagenicity Carcinogenicity Reproductive toxicity Specific target organ to Aspiration hazard Hazard not otherwise o	te of exposure) tion r eye irritation hsitization / pxicity (single or repeat	
SARA 313 (TRI reporting)			
Chemical name		CAS number	% by wt.
6% Cobalt Octoate STYRENE		136-52-7 100-42-5	0.1 - 1 20 - 40
Other federal regulations			
Clean Air Act (CAA) Sectior	n 112 Hazardous Air Pol	llutants (HAPs) List	
6% Cobalt Octoate (CAS STYRENE (CAS 100-42-	-5)		
Clean Air Act (CAA) Sectior	n 112(r) Accidental Rele	ase Prevention (40 C	FR 68.130)
Not regulated.			
Safe Drinking Water Act (SDWA)	Contains component(s) regulated under the S	Safe Drinking Water Act.

FEMA Priority Substances Respiratory Health and Safety in the Flavor Manufacturing Workplace

STYRENE (CAS 100-42-5)

Other Flavoring Substances with OSHA PEL's

US state regulations

California Proposition 65



WARNING: This product can expose you to chemicals including STYRENE, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

California Proposition 65 - CRT: Listed date/Carcinogenic substance

N,n-dimethyl-p-toluidine (CAS 99-97-8) Quartz (CAS 14808-60-7) STYRENE (CAS 100-42-5) Titanium Dioxide (CAS 13463-67-7) Listed: May 2, 2014 Listed: October 1, 1988 Listed: April 22, 2016 Listed: September 2, 2011

US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd. (a))

6% Cobalt Octoate (CAS 136-52-7) STYRENE (CAS 100-42-5) Titanium Dioxide (CAS 13463-67-7)

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
** ***		

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	07-07-2019
Revision date	04-29-2020
Version #	03
HMIS® ratings	Health: 2 Flammability: 3 Physical hazard: 1
NFPA ratings	Health: 2 Flammability: 3 Instability: 1
Disclaimer	ITW Performance Polymers cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release.