1. Product and Company Identification	
1815, 1847, 1847N, 1847WIGWAG BMB	
SBR Black Masterbatch	
Goldsmith & Eggleton	
Ravago Manufacturing Americas 1900 Summit Tower Blvd., Suite 900	
Orlando, FL 32810	
www.ravagomfg.com	
sds-rma@ravagoamericas.com	
ChemTrec: (800) 424-9300	
(330) 336-6616	
2. Hazards Identification	
None	
No phrases apply.	
This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200, the SDS and labels contain all the information as required by the standard.	
The components of this product are embedded in an impervious polymer matrix and therefore	
present a negligible exposure risk under normal conditions of processing and handling.	
Fumes produced during melt process may cause eye, skin and respiratory irritation.	
Heated material can cause thermal burns resulting in pain, redness and blistering.	
May cause eye irritation.	
May be harmful if swallowed.	
None known.	

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1333-86-4	Carbon black	~33 %
9003-55-8	Styrene-butadiene copolymer	~45 %
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic	~22 %

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Emergency and F Procedures: In Case of Inhalat In Case of Skin C In Case of Eye Co In Case of Ingesti Signs and Sympto Exposure: Note to Physician Flash Pt: Explosive Limits: Autoignition Pt: Suitable Extinguis Fire Fighting Insta Flammable Prope Hazardous Comb	ion: F ntact: C ntact: H on: H oms Of T : N Shing Media: V ructions: E	for processing fume Remove from exposi espiration. If breathi Get medical aid if irri in case of contact, in f swallowed, wash of the components of t oresent a negligible of lone 5. Fire IA Method Used: .EL: NA IA Vater spray and foar	ure and move to fresh air ng is difficult, give oxyge tation develops or persis mediately flush eyes wit out mouth with water prov his product are embedde exposure risk under norm Fighting Meas Not Applicable UEL: NA m. Water is the best exti	taminated area and breathe fr immediately. If not breathing, n. Get medical aid. ts. Flush skin with plenty of so h copious amounts of water fo ided person is conscious. Call ed in an impervious polymer m nal processing conditions. SURES	give artificial oap and water. or at least {15} minutes. I a physician. natrix and therefore	
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Fire Fighting Inst Flammable Prope Hazards:	ructions: E	mits toxic fumes un	der fire conditions. Appr	oved positive pressure demar	nd breathing apparatus	
Flammable Prope Hazards:	(nd breathing apparatus	
Hazards:	rties and C					
Hazardous Comb		Carbon dioxide and carbon monoxide generated when the material burns.				
Hazardous Combustion		No data available.				
Products:						
		6. Accide	ntal Release M	easures		
Steps To Be Take Material Is Releas		√acuum or sweep u	p material and place into	a suitable disposal container.		
		7. Ha	Indling and Sto	rage		
Precautions To B	e Taken in U	Jse with adequate v				
Handling:						
Precautions To B	e Taken in S	Store in a cool, dry p	lace.			
Storing:						
	8.	Exposure C	ontrols/Person	al Protection		
CAS # Pa	artial Chemical N	ame	OSHA TWA	ACGIH TWA	Other Limits	
1333-86-4 C	arbon black		PEL: 3.5 mg/m3	TLV: 3.5 mg/m3	No data.	
9003-55-8 St	yrene-butadiene c	opolymer	No data.	No data.	No data.	
	neral oil, petroleur drotreated heavy		No data.	No data.	No data.	

Follow the OSHA respirator regulations found in {149} CFR {1910.134} or European Standard EN
{149}. Use a NIOSH/MSHA or European Standard EN {149} approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.
Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in {1910.133} CFR {1910.133} or European Standard EN166.
Wear appropriate protective gloves to minimize skin exposure.
Wear appropriate protective clothing to minimize contact with skin.
Use adequate ventilation to keep airborne concentrations low. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.
Wash thoroughly after handling.

9. Physical and Chemical Properties

Physical States:	[]Gas []Liquid [X]Solid			
Appearance and Odor:	Black bundle with slight or no odor.			
pH:	No data.			
Melting Point:	NA			
Boiling Point:	NA			
Flash Pt:	NA Method Used: Not Applicable			
Evaporation Rate:	NA			
Flammability (solid, gas):	No data available.			
Explosive Limits:	LEL: NA UEL: NA			
Vapor Pressure (vs. Air or mm	NA			
Hg):				
Vapor Density (vs. Air = 1):	NA			
Specific Gravity (Water = 1):	> 1			
Solubility in Water:	NA			
Solubility Notes:	Insoluble in cold water.			
Octanol/Water Partition	No data.			
Coefficient:				
Percent Volatile:	< 1.0 %			
Autoignition Pt:	NA			
Decomposition Temperature:	> 300.00 C (572.0 F)			
Viscosity:	No data.			
	10. Stability and Reactivity			
Stability:	Unstable [] Stable [X]			
Conditions To Avoid - Instability	y: Stable under recommended conditions of storage and handling.			
Incompatibility - Materials To Avoid:	No special recommendations.			
Hazardous Decomposition or Byproducts:	Processing fumes evolved at recommended processing conditions may include trace levels of low molecular weight hydrocarbon fragments, carbon dioxide, carbon monoxide and Irritating fumes and gases.			
Possibility of Hazardous Reactions:	Will occur [] Will not occur [X]			
Conditions To Avoid - Hazardou Reactions:	us Under normal conditions of use, hazardous decomposition will not occur.			

11. Toxicological Information Toxicological Information: No data available. Carinogenic/NOther CASH (1338-6-1): ACGIH: Not listed. Calitomation: Calitomic: cardinogen, initial date (2/21/03 (arborne, unbound particles of respirable size). NT Not listed. CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 1333-86-4 Carbon black n.a. 28 A4 n.a. 9003-55-5 Styrene-butdefine copolymer n.a. 3 n.a. n.a. n.a. 12. Ecological Information Ganeral Ecological Information: This 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 environmentally bioaccumulate due to its insolubile in water. Object will not readily bioaccumulate due to its insolubile in water. Modata available. Bioaccumulative Potential: This product will not readily bioaccumulate due to its insolubile in water. Modula dot damaging effect on the environmentally hazardous waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification. Refrace Asserts: None listed.						iperseues Revisi		
Carcinogenicity/Other CAS# (1333-86-4): ACGIH: Not listed. California: carcinogen, Initial date (221/03 (airborne, unbound particles of respirable size). NT Not listed. LARC: Group 2B carcinogen. CAS # Hazardous Components (Chemical Name) NTP IARC ACGIH OSHA 1333-86-4 Carbon black n.a. 2B A4 n.a. 9003-55-8 Styrene-butadiene copolymer n.a. 3 n.a. n.a. 64742-52-5 Mineral all, petroleum distillates, hydrotreated heavy n.a. n.a. n.a. n.a. 64742-52-5 Mineral all, petroleum distillates, hydrotreated heavy n.a. n.a. n.a. n.a. 64742-52-5 Mineral all, petroleum distillates, hydrotreated heavy n.a. n.a. n.a. n.a. n.a. 64742-52-5 Mineral all, petroleum distillates, hydrotreated heavy n.a. n.a. n.a. n.a. 64742-52-5 Mineral all, petroleum distillates, hydrotreated heavy n.a. n.a. n.a. n.a. 64742-52-5 Mineral all, petroleum distillates, hydrotreated heavy n.a. n.a. n.a. n.a. 64742-52-5 Mineral all, Patoduch II not classified as environmentally hazardous. However, this does not exclude the 9680-1000 material targe or frequent spills can have a harmful or damaging effect on the environer 9790-1000 material targe or frequent spills can have a harmful or damaging effect on the environer 9790-1000 material targe or frequent spills can have a harmful or damaging effect on the environer 9790-1000 material targe or frequent spills can have a harmful or damaging effect on the environer 9790-1000 material targe or frequent spills can have a harmful or damaging effect on the environer 9790-1000 material target of the classification determination are listed in (251) CF 9790 material target of the classification determination are listed in (251) CF 9790 material target of the classification on the target of the classification. 9700 material target of the classification on the target of the classification. 9700 material target of the classification on the target of the classification. 9700 material target of the classification to the target of the classification. 9700 material target of the target of the classific			11. Toxicologi	cal Informat	ion			
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12. Ecological Information General Ecological Information: This 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 environmentally hozardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environmentally hozardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environmental No data available. Bioaccumulative Potential: This product will not readily bioaccumulate due to its insolubility in water. Soil mobility is expected to be negligible, because the product is insoluble in water. 13. Disposal Considerations Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification are listed in (261) CF Parts (2613). Additionally, waste generators must date radius tate and local hazardous waste regulations to ensure complete and accurate classification. RCRA V-Series: None listed. DOT Proper Shipping Name: Not regulated as a hazardous material. DOT Hozard Class: UNIVA Number: Atting the performation LAND TRANSPORT (UCA O	9003-55-8	Styrene-butadien	e copolymer	n.a.	3	n.a.	n.a.	
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Persistence and Degradability: No data available. Bioaccumulative Potential: This product will not readily bioaccumulate due to its insolubility in water. Mobility in Soil: Soil mobility is expected to be negligible, because the product is insoluble in water. 13. Disposal Considerations Waste Disposal Method: Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in (261) CF Parts (261.3). Additionally, waste generators must consult state and local hazardous waste. US EPA guidelines for the classification determination are listed in (261) CF Parts (261.3). Additionally, waste generators must consult state and local hazardous waste. US EPA guidelines for the classification. RCRA P-Series: None listed. RCRA U-Series: None listed. 14. Transport Information LAND TRANSPORT (US DOT): DOT Proper Shipping Name: Not regulated as a hazardous material. DOT Hazard Class: UNIVAN Number: AIR TRANSPORT (ICAO/IATA): ICAO/IATA Shipping Name: Non-Hazardous for Air Transport. 15. Regulatory Information EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists CAS # Hazardous Components (Chemical Name) S. 302 (EHS) S. 304 RQ S. 313 (TRI) 1333-864 Carbon black No No No 9003-55-8 Styrene-butadiene copolymer No No No 64742-52-5 Mineral oil, petroleum distillates, hydrotreated No No No 64742-52-5 Mineral oil, petroleum distillates,			12. Ecologica	al Informatio	on			
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			Supersedes Revision: 05/06/2015		
		[] Yes [X] No Reactive Haz	rard		
CAS #	Hazardous Cor	nponents (Chemical Name)	Other US EPA or State Lists		
1333-86-4	Carbon black		CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventor		
9003-55-8	Styrene-butadiene copolymer		CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventor		
64742-52-5	Mineral oil, petroleum distillates, hydrotreated heavy naphthenic				CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes - Inventor
CAS # Hazardous Cor		nponents (Chemical Name)	International Regulatory Lists		
1333-86-4 Carbon black			Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Y REACH: Yes - (R), (P)		
9003-55-8	Styrene-butadiene copolymer		Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Y REACH: Yes - (P)		
64742-52-5 Mineral oil, petro heavy naphthen		oleum distillates, hydrotreated ic	Canadian DSL: Yes; Canadian NDSL: No; Mexico INSQ: Yes REACH: Yes - (R), (P), C2		
		16. Other	Information		
Revision Date: 10/12/2015		10/12/2015			
Preparer Name: Additional Information About		Safety & Environmental Depar	tment		
		Information given herein is offe	ered in good faith as accurate, but without guarantee. The conditior		

This Product:

Information given herein is offered in good faith as accurate, but without guarantee. The conditions of use and suitability of the product for an application is beyond our control. All risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind of nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of this product. Appropriate warnings and safe handling procedures should be provided to handlers and users.