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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier	
Product name	: On Track Clearcoat Activator
Product code	: 1085E
Other means of identification	: Not available.
Product type	: Liquid.

1.2. Relevant identified uses of the substance or mixture and uses advised against

Paint or paint related material.

1.3. Details of the supplier of the safety data sheet

Supplier MCGEHEE & MCGEHEE ENTERPRISES INC 120 SOUTH BOGGESS AVENUE - USA T (270) 338-4600 - F (270) 338-4602

1.4. Emergency telephone number

Emergency number

: 1-800-424-9300 (CHEMTREC)

SECTION 2: Hazards identification

2.1 OSHA/HCS Status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

2.2 Classification of the Substance or Mixture

FLAMMABLE LIQUIDS - Category 3 ACUTE TOXICITY (inhalation) - Category 4 SKIN CORROSION/IRRITATION - Category 2 SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A RESPIRATORY SENSITIZATION - Category 1 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2 ASPIRATION HAZARD - Category 1

Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 1.2%

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Danger

2.4 Hazard Statements

Flammable liquid and vapor. Harmful if inhaled. Causes serious eye irritation. Causes skin irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause an allergic skin reaction. Suspected of causing cancer. May be fatal if swallowed and enters airways. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

2.5 Precautionary Statements

Prevention	and understood. Wear protective glove ng. Wear respiratory protection. Keep ther ignition sources. No smoking. Us aterial-handling equipment. Use only n st static discharge. Keep container tig	not handle until all safety precautions have been es. Wear eye or face protection. Wear protective away from heat, hot surfaces, sparks, open flames e explosion-proof electrical, ventilating, lighting and ion-sparking tools. Take precautionary measures htly closed. Use only outdoors or in a well-ventilat- s thoroughly after handling. Contaminated work kplace.
Response	LED: If breathing is difficult, remove p call a POISON CENTER or physician Call a POISON CENTER or physician FER or physician. Do NOT induce von minated clothing. Rinse skin with wate vater. Wash contaminated clothing bef cal attention. IF IN EYES: Rinse cautio	exposed or concerned: Get medical attention. IF erson to fresh air and keep comfortable for breath- if you feel unwell. If experiencing respiratory symp- n. IF SWALLOWED: Immediately call a POISON niting. IF ON SKIN (or hair): Take off immediately all er or shower. IF ON SKIN: Wash with plenty of soap fore reuse. IF skin irritation or rash occurs: Get busly with water for several minutes. Remove con- inue rinsing. If eye irritation persists: Get medical
Storage	locked up. Store in a well-ventilated p	blace. Keep cool.
Disposal	ese of contents and container in according to a container in according to a container in according to a container in	dance with all local, regional, national and in-

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DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR PROFESSIONAL USE ONLY. This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS. VAPOR AND SPRAY MIST HARMFUL. Gives off harmful vapor of solvents and isocyanates. DO NOT USE IF YOU HAVE CHRONIC (LONG-TERM) LUNG OR BREATHING PROBLEMS, OR IF YOU HAVE EVER HAD A REACTION TO ISOCYANATES. USE ONLY WITH ADEQUATE VENTILATION. WHERE OVERSPRAY IS PRESENT, A POSI-TIVE PRESSURE AIR SUPPLIED RESPIRATOR (NIOSH approved) SHOULD BE WORN TO PREVENT EXPOSURE. IF UNAVAILABLE, AN APPROPRIATE PROPERLY FITTED AP-PROVED NIOSH VAPOR/PARTICULATE RESPIRATOR MAY BE EFFECTIVE. Follow directions for respirator use. Wear the respirator for the whole time of spraying and until all vapors and mists are gone. IF you have any breathing problems during use, LEAVE THE AREA and get fresh air. If problems remain or happen later, IMMEDIATELY call a doctor - If not available get emergency medical treatment. Have this label with you. Reacts with water in closed container to produce pressure which may cause container to burst.

Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.

2.6 Hazards Not Otherwise Classified

None known.

SECTION 3: Composition/Information on ingredients				
Substance/Mixture	: Mixture			
Other Means of Identification	: Not available.			
3.1 CAS Number/Other Identifiers				
Ingredient Name	% by Weight	CAS Number		
Hexamethylene Diisocyanate Polymer	≥25 - ≤50	28182-81-2		
2-Butoxyethyl Acetate	≥10 - ≤25 112-07-2			
Xylene, mixed isomers	≥10 - ≤23 1330-20-7			
1,2,4-Trimethylbenzene	≤10 95-63-6			
Light Aromatic Hydrocarbons	≤10	64742-95-6		
Ethylbenzene	≤3	100-41-4		
1,3,5-Trimethylbenzene	≤3	108-67-8		
n-Butyl Acetate	≤3	123-86-4		
Cumene	≤1.9	98-82-8		
1,2,3-Trimethylbenzene	<1	526-73-8		
Hexamethylene Diisocyanate (max.)	≤0.3	822-06-0		

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

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SECTION 4: First aid measures	
4.1 Description of Necessary First Aid N	leasures
Eye Contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get med- ical attention.
Inhalation	: Remove victim to fresh air and keep at least in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours. In the event of any complaints or symptoms, avoid further exposure.
Skin Contact	: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash conta- minated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: Get medical attention immediately. Call a poison center or physician. Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Aspiration hazard if swallowed. Can enter lungs and cause damage. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
4.2 Most Important Symptoms/Effects, A	Acute and Delayed
4.2.1 Potential Acute Health Effects	
Eye Contact	: Causes serious eye irritation.
Inhalation	: Harmful if inhaled. May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: May be fatal if swallowed and enters airways.
4.3 Over-Exposure Signs/Symptoms	
Eye Contact	: Adverse symptoms may include the following: paint or irritation watering redness
Inhalation	 Adverse symptoms may include the following: respiratory tract irritation coughing wheezing and breathing difficulties asthma
Skin Contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: Adverse symptoms may include the following: nausea or vomiting.

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4.4 Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary			
Notes to Physician	:	In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.	
Specific Treatments	:	No specific treatment.	
Protection of First-Aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspect- ed that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.	

See toxicological information (Section11)

SECTION 5: Firefighting measures 5.1 Extinguishing Media				
Suitable Extinguishing Media		Use dry chemical, CO2, water spray (fog) or foam.		
Unsuitable Extinguishing Media	:	Do not use water jet.		
Specific Hazards Arising from the Chemical	:	Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.		
Hazardous Thermal Decomposition Products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide nitrogen oxides		
Special Protective Actions for Fire-Fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.		
Special Protective Equipment for Fire-Fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.		
SECTION 6: Accidental release meas	ure	s		
6.1 Personal Precautions, Protective Equ	uipm	ent and Emergency Procedures		
For Non-Emergency Personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.		
For Emergency Responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Sec- tion 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".		
Environmental Precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).		

.2 Methods and Materials for Containment and Cleaning Up		
Small Spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion- proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insol- uble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.	
Large Spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion- proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regu- lations (see Section 13). Dispose of via a licensed waste disposal contractor. Contmaniated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.	

SECTION 7: Handling and storage			
7.1 Precautions for Safe Handling			
Protective Measures	Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.		
Advice on General Occupational Hygiene	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.		
Conditions for Safe Storage, including any In- compatibilities	: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.		

Control Parameters .1 Occupational Exposure Limits (OSHA U	Inited States)	
Ingredient Name	CAS #	Exposure Limits
lexamethylene Diisocyanate Polymer	28182-81-2	None.
2-Butoxyethyl Acetate	112-07-2	NIOSH REL (United States, 10/2016). TWA: 5 ppm 10 hours. TWA: 33 mg/m3 10 hours. ACGIH TLV (United States, 3/2019). TWA: 20 ppm 8 hours.
Xylene, mixed isomers	1330-20-7	ACGIH TLV (United States, 3/2019). TWA: 100 ppm 8 hours. TWA: 434 mg/m3 8 hours. STEL: 150ppm 15 minutes. STEL: 651 mg/m3 15 minutes OSHA PEL (United States, 5/2018). TWA: 100 ppm 8 hours.
1,2,4-Trimethylbenzene	95-63-6	TWA: 435 mg/m3 8 hours. ACGIH TLV (United States, 3/2019). TWA: 25 ppm 8 hours. TWA: 123 mg/m3 8 hours. NIOSH REL (United States, 10/2016). TWA: 25 ppm 10 hours. TWA: 125 mg/m3 10 hours.
Light Aromatic Hydrocarbons	64742-95-6	None.
Ethylbenzene	100-41-4	ACGIH TLV (United States, 3/2019). TWA: 20 ppm 8 hours. NIOSH REL (United States, 10/2016). TWA: 100 ppm 10 hours. TWA:435 mg/m3 10 hours. STEL: 125 ppm 15 minutes. STEL: 545 mg/m3 15 minutes. OSHA PEL (United States, 5/2018). TWA: 100 ppm 8 hours. TWA: 435 mg/m3 8 hours.
1,3,5-Trimethylbenzene	108-67-8	ACGIH TLV (United States, 3/2019). TWA: 25 ppm 8 hours. TWA: 123 mg/m3 8 hours. NIOSH REL (United States, 10/2016). TWA: 25 ppm 10 hours. TWA: 125 mg/m3 10 hours.
n-Butyl Acetate	123-86-4	NIOSH REL (United States, 10/2016). TWA: 150 ppm 10 hours. TWA: 710 mg/m3 10 hours. STEL: 200 ppm 15 minutes. STEL: 950 mg/m3 15 minutes. OSHA PEL (United States, 5/2018). TWA: 150 ppm 8 hours.

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Ingredient Name	CAS #	Exposure Limits
		ACGIH TLV (United States, 3/2019). STEL: 150 ppm 15 minutes. TWA: 50 ppm 8 hours.
	98-82-8	ACGIH TLV (United States, 3/2019). TWA: 50 ppm 8 hours.
Cumene		NIOSH REL (United States, 10/2016). Absorbed through skin. TWA: 50 ppm 10 hours. TWA: 245 mg/m3 10 hours.
		OSHA PEL (United States, 5/2018). Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 245 mg/m3 8 hours.
1,2,3-Trimethylbenzene	526-73-8	ACGIH TLV (United States, 3/2019). TWA: 25 ppm 8 hours. TWA: 123 mg/m3 8 hours.
		NIOSH REL (United States, 10/2016). TWA: 25 ppm 10 hours. TWA: 125 mg/m3 10 hours.
Hexamethylene Diisocyanate (max.)	822-06-0	ACGIH TLV (United States, 3/2019). TWA: .0005 ppm 8 hours. TWA: 0.03 mg/m3 8 hours
		NIOSH REL (United States, 10/2016). TWA: 0.005 ppm 10 hours. TWA: 0.035 mg/m3 10 hours. CEIL: 0.02 ppm 10 minutes. CEIL: 0.14 mg/m3 10 minutes.
		OSHA PEL (United States, 5/2018). Absorbed through skin. TWA: 5 mg/m3, (as CN) 8 hours.

8.1.2 **Occupational Exposure Limits (Canada)**

Ingredient Name	CAS #	Exposure Limits
	112-07-2	CA British Columbia Provincial (Canada, 5/2019). TWA: 20 ppm 8 hours.
		CA Ontario Provincial (Canada, 1/2018). TWA: 20 ppm 8 hours.
Ethylene Glycol Butyl Ether Acetate		CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 131 mg/m3 8 hours. 8 hrs OEL: 20 ppm 8 hours.
		CA Saskatchewan Provincial (Canada, 7/2013). STEL: 30 ppm 15 minutes. TWA: 20 ppm 8 hours.
		CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 100 ppm 8 hours. 15 min OEL: 651 mg/m3 15 minutes. 15 mind OEL: 150 ppm 15 minutes. 8 hrs OEL: 434 mg/m3 8 hours.

Ingredient Name	CAS #	Exposure Limits
Xylene	1330-20-7	CA British Columbia Provincial (Canada, 5/2019). TWA: 100 ppm 8 hours. STEL: 150 ppm 15 minutes. CA Quebec Provincial (Canada, 1/2014). TWAEV: 100 ppm 8 hours. TWAEV: 434 mg/m3 8 hours. STEV: 434 mg/m3 8 hours. STEV: 651 mg/m3 15 minutes. CA Ontario Provincial (Canada, 1/2018). STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours. CA Saskatchewan Procincial (Canada, 7/2013). STEL: 150 ppm 15 minutes. TWA: 100 ppm 15 minutes.
1,2,4-Trimethylbenzene	95-63-6	TWA: 100 ppm 8 hours. CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 123 mg/m3 8 hours. 8 hrs OEL: 25 ppm 8 hours. CA British Columbia Provincial (Canada 5/2019). TWA: 25 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). TWAEV: 25 ppm 8 hours. TWAEV: 123 mg/m3 8 hours. CA Ontario Provincial (Canada, 1/2018). TWA: 25 ppm 8 hours. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 30 ppm 15 minutes. TWA: 25 ppm 8 hours.
Ethylbenzene	100-41-4	CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 100 ppm 8 hours. 8 hrs OEL: 434 mg/m3 8 hours. 15 min OEL: 543 mg/m3 15 minutes. 15 min OEL: 125 ppm 15 minutes. CA British Columbia Provincial (Canada, 5/2019). TWA: 20 ppm 8 hours. CA Ontario Provincial (Canada, 1/2018). TWA: 20 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). TWAEV: 100 ppm 8 hours. TWAEV: 434 mg/m3 8 hours. STEV: 125 ppm 15 minutes. STEV: 543 mg/m3 15 minutes. CA Saskatchewan Provincial (Canada, 7/2013). STEL: 125 ppm 15 minutes. TWA: 100 ppm 8 hours.
		CA Alberta Provincial (Canada, 6/2018). 15 min OEL: 200 ppm 15 minutes. 15 min OEL: 950 mg/m3 15 minutes. 8 hrs OEL: 150 ppm 8 hours. 8 hrs OEL: 713 mg/m3 8 hours. CA British Columbia Provincial (Canada, 5/2019). TWA: 20 ppm 8 hours.

Ingredient Name	CAS #	Exposure Limits
Normal Butyl Acetate	123-86-4	CA Ontario Provincial (Canada, 1/2018). TWA: 150 ppm 8 hours. STEL: 200 ppm 15 minutes.
		CA Quebec Provincial (Canada, 1/2014). TWAEV: 150 ppm 8 hours. TWAEV: 713 mg/m3 8 hours. STEV: 200 ppm 15 minutes. STEV: 950 mg/m3 15 minutes.
		CA Saskatchewan Provincial (Canada, 7/2013). STEL: 200 ppm 15 minutes. TWA: 150 ppm 8 hours.
		CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 246 mg/m3 8 hours.
		CA British Columbia Provincial (Canada, 5/2019). TWA: 25 ppm 8 hours. STEL: 75 ppm 15 minutes.
Cumene	98-82-8	CA Ontario Provincial (Canada, 1/2018). TWA: 50 ppm 8 hours.
		CA Quebec Provincial (Canada, 1/2014). TWAEV: 50 ppm 8 hours. TWAEV: 246 mg/m3 8 hours.
		CA Saskatchewan Provincial (Canada 7/2013). STEL: 74 ppm 15 minutes. TWA: 50 ppm 8 hours.
		CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 0.005 ppm 8 hours. 8 hrs OEL: 0.03 mg/m3 8 hours.
	Hexamethylene diisocyanate 822-06-0	CA British Columbia Provincial (Canada, 5/2019). Inhalation sensitizer. TWA: 0.005 ppm 8 hours. C: 0.01 ppm
Hexamethylene diisocyanate		CA Quebec Provincial (Canada, 1/2014). Skin sensitizer. TWAEV: 0.005 ppm 8 hours. TWAEV: 0.034 mg/m3 8 hours.
		CA Ontario Provincial (Canada, 1/2018). TWA: 0.03 mg/m3 8 hours. TWA: 0.01 ppm 8 hours.
		CA Saskatchewan Provincial (Canada, 7/2013). STEL: 0.015 ppm 15 minutes. TWA: 0.005 ppm 8 hours.

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8.1.3 **Occupational Exposure Limits (Mexico)**

Ingredient Name	CAS #	Exposure Limits	
2-Butoxyethyl Acetate	112-07-2	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 20 ppm 8 hours.	
Xylene, mixed isomers	1330-20-7	NOM-010-STPS-2014 (Mexico, 4/2016). STEL: 150 ppm 15 minutes. TWA: 100 ppm 8 hours.	
1,2,4-Trimethylbenzene	95-63-6	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 25 ppm 8 hours.	
Ethylbenzene	100-41-4	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 20 ppm 8 hours.	
1,3,5-Trimethylbenzene	108-67-8	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 25 ppm 8 hours.	
n-Butyl Acetate	123-86-4	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 150 ppm 8 hours. STEL: 200 ppm 15 minutes.	
Cumene	98-82-8	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 50 ppm 8 hours.	
Appropriate Engineering Controls	engineering controls to mended or statutory lin	e ventilation. Use process enclosures, local exhaust ventilation or other keep worker exposure to airborne contaminants below any recom- nits. The engineering controls also need to keep gas, vapor or dust iny lower explosive limits. Use explosion-proof ventilation equipment.	
Environmental Exposure Controls	: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment with be necessary to reduce emissions to acceptable levels.		
8.2 Individual Protection Measures			
Hygiene Measures	smoking and using the should be used to remo should not be allowed of	and face thoroughly after handling chemical products, before eating, lavatory and at the end of the working period. Appropriate techniques ove potentially contaminated clothing. Contaminated work clothing out of the workplace. Wash contaminated clothing before reusing. En- ions and safety showers are close to the workstation location.	
Eye/Face Protection	: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.		
8.2.1 Skin Protection			
Hand Protection	: Chemical- resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to break- through for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be ac- curately estimated.		
Body Protection	 Personal protective equipment for the body should be selected based on the task being per- formed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective cloth- ing. For the greater protection form static discharges, clothing should include anti-static over- alls, boots and gloves. 		

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Other Skin Protection	

Respiratory Protection

- : Appropriate footwear and any additional skin protection measures should be selected based on the task begin performed and the risks involved and should be approved by a specialist before handling this product.
- : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

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9.1. Information on basic physical and cher	mical properties
Physical state	: Liquid
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
рН	: No data available
Melting Point/Freezing Point	: No data available
Boiling Point/Boiling Range	: 123°C (253.4°F)
Flash Point	: Closed cup: 25°C (77°F) [Pensky-Martens Closed Cup]
Evaporation Rate	: 1 (butyl acetate = 1)
Flammability (solid, gas)	: No data available
Lower and Upper Explosive (Flammable Limits)	: Lower: 0.5% Upper: 7.6%
Vapor Pressure	: 1.3 kPa (10 mm Hg) [at 20°C]
Vapor Density	: 3.66 [Air = 1]
Relative Density	: 0.99
Solubility	: No data available
Partition Coefficient: n-octanol/water	: No data available
Auto-Ignition Temperature	: No data available
Decomposition Temperature	: No data available
Viscosity	: Kinematic (40°C (104°F)): <0.205 cm2/s (<20.5 cSt)
Molecular	: Not applicable.
Aerosol Product:	
Heat of Combustion	: 20.319 kJ/g

SECTION 10: Stability and reactivity		
Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical Stability	:	The product is stable.
Possibility of Hazardous Reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to Avoid	:	Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
Incompatible Materials	:	Reactive or incompatible with the following materials: oxidizing materials

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Hazardous Decomposition Products

Under normal conditions of storage and use, hazardous decomposition products should not be : produced.

SECTION 11: Toxicological information					
11.1 Information on Toxicological Effects					
11.1.1 Acute Toxicity					
Product/Ingredient Name	Result	Species	Dose	Exposure	
Hexamethylene Diisocyanate Polymer	LC50 Vapor	Rat	18500 mg/m3	1 hours	
2-Butoxyethyl Acetate	LD50 Dermal	Rabbit	1500 mg/kg	-	
2-Buloxyelityi Acelale	LD50 Oral	Rat	2400 mg/kg	-	
Yulono, miyod isomoro	LC50 Inhalation Gas.	Rat	5000 ppm	4 hours	
Xylene, mixed isomers	LD50 Oral	Rat	4300 mg/kg	-	
1,2,4-	LC50 Inhalation Vapor	Rat	18000 mg/m3	4 hours	
Trimethylbenzene	LD50 Oral	Rat	5 g/kg	-	
Light Aromatic Hydrocarbons	LD50 Oral	Rat	8400 mg/kg	-	
Ethylbenzene	LD50 Dermal	Rabbit	>5000 mg/kg	-	
Ethylbenzene	LD50 Oral	Rat	3500 mg/kg	-	
1,3,5-	LC50 Inhalation Vapor	Rat	24000 mg/m3	4 hours	
Trimethylbenzene	LD50 Oral	Rat	5000 mg/kg	-	
n Rutul Apototo	LD50 Dermal	Rabbit	>17600 mg/kg	-	
n-Butyl Acetate	LD50 Oral	Rat	10768 mg/kg	-	
Cumene	LC50 Inhalation Vapor	Rat	39000 mg/m3	4 hours	
Cumene	LD50 Oral	Rat	1400 mg/kg	-	
Hexamethylene Diisocyanate (max.)	LC50 Inhalation Dusts and Mists	Rat	124 mg/m3	4 hours	

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Irritation/Corrosion 11.1.2

Product/ Ingredient Name	Result	Species	Score	Exposure	Observation
Hexamethylene	Eyes - Moderate irritant	Rabbit	-	100 milligrams	-
Diisocyanate Polymer	Skin - Moderate irritant	Rabbit	-	500 milligrams	-
2-Butoxyethyl	Eyes - Mild Irritant	Rabbit	-	24 hours 500 mg	-
Acetate	Skin - Mild irritant	Rabbit	-	500 mg	-
	Eyes - Mild Irritant	Rabbit	-	87 mg	-
	Eyes - Severe Irritant	Rabbit	-	24 hours 5 mg	-
Xylene, mixed isomers	Skin - Mild irritant	Rat	-	8 hours 60 UI	-
	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Skin - Moderate irritant	Rabbit	-	100%	-
Light Aromatic Hydrocarbons	Eyes - Mild Irritant	Rabbit	-	24 hours 100 UI	-
Ethylbenzene	Eyes - Severe Irritant	Rabbit	-	500 mg	-
Linyibenzene	Skin - Mild irritant	Rabbit	-	24 hours 15 mg	-
1,3,5-	Eyes - Mild Irritant	Rabbit	-	24 hours 500 mg	-
Trimethylbenzene	Skin - Moderate irritant	Rabbit	-	24 hours 20 mg	-
	Eyes - Moderate irritant	Rabbit	-	100 mg	-
n-Butyl Acetate	Skin - Moderate irritant	Rabbit	-	24 hours 500 mg	-
	Eyes - Mild Irritant	Rabbit	-	24 hours 500 mg	-
Cumana	Eyes - Mild Irritant	Rabbit	-	86 mg	-
Cumene	Skin - Mild irritant	Rabbit	-	24 hours 10 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 100 mg	-

11.1.3 Sensitization

Not available.

11.1.4 Mutagenicity Not available.

11.1.5 Carcinogenicity Not available.

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Classification 11.1.6

Product/Ingredient Name	OSHA	IARC	NTP
Xylene, mixed isomers	-	3	-
Ethylbenzene	-	2B	-
Cumene	-	2B	Reasonably anticipated to be a human carcinogen.

11.1.7 **Reproductive Toxicity**

Not available.

Teratogenicity 11.1.8

Not available.

11.2 Specific Target Organ Toxicity (Single Exposure)

Name	Category	Route of Exposure	Target Organs	
Hexamethylene Diisocyanate Polymer	Category 3	Not applicable.	Respiratory tract irritation	
Xylene, mixed isomers	Category 3	Not applicable.	Respiratory tract irritation	
1,2,4-Trimethylbenzene	Category 3	Not applicable.	Respiratory tract irritation	
Light Aromatic Hudrosarhana	Category 3	Not applicable.	Narcotic Effects	
Light Aromatic Hydrocarbons	Category 3	Not applicable.	Respiratory tract irritation	
Ethylhonzono	Category 3	Not applicable.	Narcotic Effects	
Ethylbenzene	Category 3	Not applicable.	Respiratory tract irritation	
1,3,5-Trimethylbenzene	Category 3	Not applicable.	Respiratory tract irritation	
n-Butyl Acetate	Category 3	Not applicable.	Narcotic Effects	
Cumono	Category 3	Not applicable.	Narcotic Effects	
Cumene	Category 3	Not applicable.	Respiratory tract irritation	
1,2,3-Trimethylbenzene	Category 3	Not applicable.	Respiratory tract irritation	
Hexamethylene Diisocyanate (max.)	Category 3	Not applicable.	Respiratory tract irritation	

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11.3 Specific Target Organ Toxicity (Repeated Exposure)

Name	Category	Route of Exposure	Target Organs
Xylene, mixed isomers	Category 2	Not determined	Not determined
Light Aromatic Hydrocarbons	Category 2	Not determined	Not determined
Ethylbenzene	Category 2	Not determined	Not determined
Cumene	Category 2	Not determined	Not determined

11.4 Aspiration Hazard

Name	Result
Xylene, mixed isomers	ASPIRATION HAZARD - Category 1
1,2,4-Trimethylbenzene	ASPIRATION HAZARD - Category 1
Light Aromatic Hydrocarbons	ASPIRATION HAZARD - Category 1
Ethylbenzene	ASPIRATION HAZARD - Category 1
1,3,5-Trimethylbenzene	ASPIRATION HAZARD - Category 1
Cumene	ASPIRATION HAZARD - Category 1
1,2,3-Trimethylbenzene	ASPIRATION HAZARD - Category 1

Information on the Likely Routes of Exposure : Not available.

11.5 Potential Acute Health Effects	
Eye Contact	: Causes serious eye irritation.
Inhalation	: Harmful if inhaled. May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin Contact	: Causes skin irritation. May cause an allergic skin reaction.
Ingestion	: May be fatal if swallowed and enters airways.

Safety Data Sheet 1085E Date of issue: 01/18/2020 Version: 1.0 11.6 Symptoms Related to the Physical Symptoms Related to the Physical Symptometry Structure Structure

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11.6 Symptoms Related to the Physical, C	Chemical and Toxicological Characteristics
Eye Contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing wheezing and breathing difficulties asthma
Skin Contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: Adverse symptoms may include the following: nausea or vomiting

Delayed and Immediate Effects and also Chronic Effects from Short and Long Term Exposure 11.7

11.7.1	Short Term Exposure		
Potenti	al Immediate Effects	: Not ava	ailable.
Potenti	al Delayed Effects	: Not ava	ailable.
11.7.2	Long Term Exposure		
Potenti	al Immediate Effects	: Not ava	ailable.
Potenti	al Delayed Effects	: Not ava	ailable.

11.8	Potential Chronic Health Effects		
Not ava	ailable		
Gene	ral	:	May cause damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carci	nogenicity	:	Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.
Mutag	genicity	:	No known significant effects or critical hazards.
Terato	ogenicity	:	No known significant effects or critical hazards.
Deve	lopmental Effects	:	No known significant effects or critical hazards.
Fertili	ty Effects	:	No known significant effects or critical hazards.

11.9	Numerical Measures of Toxicity	
11.9.1	Acute Toxicity Estimates	
	Route	ATE Value
	Oral	8144.45 mg/kg
	Dermal	4121.82 mg/kg
	Inhalation (gases)	34276.91 ppm
	Inhalation (vapors)	16.04 mg/l

SECTION 12: Ecological information				
2.1 Toxicity				
Product/Ingredient Name	Result	Species	Exposure	
Yulono, miyod isomoro	Water	Crustaceans - Palaemonetes pugio	48 hours	
Xylene, mixed isomers	Acute LC50 13400 ug/l Fresh Water	Fish - Pimephales promelas	96 hours	
1,2,4-Trimethylbenzene	Acute LC50 4910 ug/l Marine Water	Crustaceans - Elasmopus pectenicrus - Adult	48 hours	
1,2,4-11111611910612616	Acute LC50 7720 ug/l Fresh Water	Fish - Pimephales Promelas	96 hours	
	Acute EC50 4600 ug/l Fresh Water	Algae - Pseudokirchneriella subcapitata	72 hours	
	Acute EC50 3600 ug/l Fresh Water	Algae - Pseudokirchneriella subcapitata	96 hours	
Ethylbenzene	Acute EC50 6.53 mg/l Marine Water	Crustaceans - Artemia sp Nauplii	48 hours	
	Acute EC50 2.93 mg/l Fresh Water	Daphnia - Daphnia magna - Neonate	48 hours	
	Acute LC50 4200 ug/l Fresh Water	Fish - ONcorhynchus Mykiss	96 hours	
	Acute LC50 13000 ug/l Marine water	Crustaceans - Cancer magister - Zoea	48 hours	
1,3,5-Trimethylbenzene	Acute LC50 12520fug/l Fresh water	Fish - Carassius auratus	96 hours	
	Chronic NOEC 400 ug/l Fresh water	Daphnia - Daphnia magna	21 days	
n Rutul Acotato	Acute LC50 32 mg/l Marine Water	Crustaceans - Artemia salina	48 hours	
n-Butyl Acetate	Acute LC50 18000 ug/l Fresh water	Fish - Pimephales promelas	96 hours	
	Acute EC50 2600 ug/l Fresh Water	Algae - Pseudokirchneriella subcapitata	72 hours	
Cumana	Acute EC50 7.4 mg/l Marine Water	Crustaceans - Artemia sp Nauplii	48 hours	
Cumene	Acute EC50 10.6 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours	
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Product/Ingredient Name	Result	Species	Exposure
	Acute LC50 2700 ug/l Fresh water	Fish - ONcorhynchus Mykiss	96 hours

12.2 Persistence and Degradability

Product/Ingredient Name	Aquatic half-life	Photolysis	Biodegradability
2-Butoxyethyl Acetate	-	-	Readily
Xylene, mixed isomers	-	-	Readily
Light Aromatic Hydrocarbons	-	-	Readily
Ethylbenzene	-	-	Readily
n-Butyl Acetate	-	-	Readily

12.3 Bioaccumulative Potential

Product/Ingredient Name	LogPow	BCF	Potential
Xylene, mixed isomers	-	8.1 to 25.9	low
1,2,4-Trimethylbenzene	-	243	low
Light Aromatic Hydrocarbons	-	10 to 2500	high
1,3,5-Trimethylbenzene	-	161	low
Cumene	-	35.48	low
1,2,3-Trimethylbenzene	-	194.98	low
Hexamethylene Diisocyanate (max.)	-	57.63	low

12.4 Mobility in Soil	
Soil/water partition coefficient (Koc)	: Not available.
Other adverse effects	: No known significant effects or critical hazards.

SECTION 13: Disposal considerations

13.1 Disposal Methods

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

Safety Data Sheet 1085E Date of issue: 01/18/2020 Version: 1.0 SECTION 14: Transport information

SECTION 14: Trans					
	DOT Classification	TDG Classification	Mexico Classification	ΙΑΤΑ	IMDG
UN Number	UN1263	UN1263	UN1263	UN1263	UN1263
UN Proper Shipping Name	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL	PAINT RELATED MATERIAL
Transport Hazard Class(es)	FLAMMABLE 3	FLAMMABLE	FLAMMABLE 3	FLAMMABLE 3	FLAMMABLE 3
Packing Group	III	III	III	III	III
Environmental Hazards	No.	No.	No.	No.	No.
Additional Information	- ERG No. 128	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3). ERG No. 128	- ERG No. 128		Emergency schedules F-E, S-E

Special Precautions for User

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular

Transport in bulk according to Annex II of MAR- : Not available. POL and the IBC Code

:

Proper shipping name	:	Not available.
Ship type	:	Not available.
Pollution category	:	Not available.

SECTION 15: Regulatory information			
5.1	SARA 313		
SARA 31	3 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.		

15.2 California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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15.3 International Regulations

International Lists : Australia Inventory (AICS): Not determined. China Inventory (IECSC): Not determined. Japan Inventory (ENCS): Not determined. Japan Inventory (ISHL): Not determined. Korea Inventory (KECI): Not determined. New Zealand Inventory of Chemicals (NZIoC): Not determined. Philippines Inventory (PICCS): Not determined. Taiwan Chemical Substances Inventory (TCSI): Not determined. Thailand Inventory: Not determined. Vietnam Inventory: Not determined.

SECTION 16: Other information

 16.1
 Hazardous Material Information System (U.S.A.)

 Health: *3

Flammability: 3 Physical Hazards: 0

The customer is responsible for determining the PPE code for this material. For more information on HMIS®

Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

16.2 Procedure Used to Derive the Classification

Classification	Justification		
FLAMMABLE LIQUIDS - Category 3	On basis of test data		
ACUTE TOXICITY (Inhalation) - Category 4	Calculation method		
SKIN CORROSION/IRRITATION - Category 2	Calculation method		
SERIOUS EYE DAMAGE/EYE IRRITATION - Category 2A	Calculation method		
RESPIRATORY SENSITIZATION - Category 1	Calculation method		
SKIN SENSITIZATION - Category 1	Calculation method		
CARCINOGENICITY - Category 2	Calculation method		
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3	Calculation method		
SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 2	Calculation method		
ASPIRATION HAZARD - Category 1	Calculation method		
16.3 History			
Date of Printing : 1/18/2020			
Date of Issue/Date of Revision : 1/18/2020			
Date of Previous Issue : No previous validation	n		

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Version	: 1
Key to Abbreviations	 ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = Internediate Bulk Container IMDG = International Maritime Dangerous Goods LogPow = Logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as mod- ified by the Protocol of 1978. ("Marpol" = Marine Pollution) N/A = Not available SGG = Segregation Group UN = United Nations

16.4 Notice to Reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.