



On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

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

1.1. Product identifier

Product Identifier : On Track Clearcoat Activator Medium 1075E
Product Code : 1075E
Recommended Use : Automotive Refinish Activator/Hardener

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

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 Physical Hazards

Flammable Liquids : Category 2

2.2 Health Hazards

Acute toxicity, oral : Category 4
Acute toxicity, inhalation : Category 3
Serious eye damage/eye irritation : Category 2A
Sensitization, respiratory : Category 1
Sensitization, skin : Category 1
Germ cell mutagenicity : Category 1B
Carcinogenicity : Category 1B
Reproductive toxicity : Category 2
Specific target organ toxicity, single exposure : Category 3 narcotic effects

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015

Version: 1.0

2.3 Environmental Hazards

Hazardous to the aquatic environment, acute hazard : Category 2

Hazardous to the aquatic environment, long-term hazard : Category 3

2.4 OSHA Defined Hazards

Not classified.

2.5 Label Elements



2.6 Signal Word

Danger

2.7 Hazard Statement

Highly flammable liquid and vapor. Harmful if swallowed. May cause an allergic skin reaction. Causes serious eye irritation. Toxic if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause drowsiness or dizziness. May cause genetic defects. May cause cancer. Suspected of damaging fertility or the unborn child. Toxic to aquatic life. Harmful to aquatic life with long lasting effects.

2.8 Precautionary Statement

2.8.1 Prevention

Obtain 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. Avoid breathing mist or vapor. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Contaminated work clothing must not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. In case of inadequate ventilation wear respiratory protection.

2.8.2 Response

If swallowed: Call a poison center/doctor if you feel unwell. Rinse mouth. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation or rash occurs: Get medical advice/attention. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Call a poison center/doctor. If experiencing respiratory symptoms: Call a poison center/doctor. Wash contaminated clothing before reuse. In case of fire: Use appropriate media to extinguish.

2.8.3 Storage

Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

2.8.4 Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

2.9 Hazard(s) not otherwise classified (HNOC)

Static accumulating flammable liquid can become electrostatically charged even in bonded and ground equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.

2.10 Supplemental Information

31.91% of the mixture consists of component(s) of unknown acute oral toxicity. 24.61% of the mixture consists of component(s) of unknown acute inhalation toxicity. 93.74% of the mixture consists of component(s) of unknown acute hazards to the aquatic environment. 93.51% of the mixture consists of component(s) of unknown long-term hazards to the aquatic environment.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015

Version: 1.0

SECTION 3: Composition/Information on ingredients

3.1 Mixtures

Chemical Name	Common Name and Synonyms	CAS Number	%
2-Heptanone		110-43-0	40 to <50
homopolymer of HDI		28182-81-2	10 to <20
4-Methyl-2-pentanone		108-10-1	5 to <10
Ethyl 3-ethoxypropionate		763-69-9	5 to <10
1-Methoxy-2-propyl acetate		108-65-6	1 to <5
2, 6-Dimethyl-4-heptanone		108-83-8	1 to <5
n-Butyl acetate		123-86-4	1 to <5
1, 2-Dimethylbenzene		95-47-6	0.1 to <1
Ethyl benzene		100-41-4	0.1 to <1
light aromatic solvent naphtha		64742-95-6	0.1 to <1
Other components below reportable levels			10 to <20

*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

SECTION 4: First aid measures

4.1 Inhalation

Remove victim to fresh air and keep at rest in a position comfortable for breathing. Oxygen or artificial respiration if needed. Do not use mouth-to-mouth method if victim inhaled the substance. Induce artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Call a POISON CENTER or doctor/physician.

4.2 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.

4.3 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.

4.4 Ingestion

Rinse mouth. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. Get medical advice/attention if you feel unwell.

4.5 Most Important Symptoms/Effects, Acute and Delayed

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.

4.6 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.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015

Version: 1.0

4.7 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.

SECTION 5: Firefighting measures

5.1 Suitable Extinguishing Media

Alcohol resistant foam. Water fog. Carbon dioxide (CO₂). Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

5.2 Unsuitable Extinguishing Media

Water. Do not use water jet as an extinguisher, as this will spread the fire.

5.3 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.

5.4 Special Protective Equipment and Precautions for Firefighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

5.5 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.

5.6 Specific Methods

Use standard firefighting procedures and consider the hazards of other involved materials.

5.7 General Fire Hazards

Highly flammable liquid and vapor.

SECTION 6: Accidental release measures

6.1 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. Avoid inhalation of vapors and spray mists. 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.

6.2 Methods and Materials for Containment and Cleaning Up

Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools. Keep combustibles (wood, paper, oil, etc.) away from spilled material.

Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Prevent product from entering drains. 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. For waste disposal, see section 13 of the SDS.

6.3 Environmental Precautions

Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground. Inform appropriate managerial or supervisory personnel of all environmental releases. Use appropriate containment to avoid environmental contamination.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015

Version: 1.0

SECTION 7: Handling and storage

7.1 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, samples, gauging, with 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. Avoid inhalation of vapors and spray mists. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Do not taste or swallow. 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. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. 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".

7.2 Conditions for Safe Storage, including any Incompatibilities

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 original 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).

SECTION 8: Exposure controls/personal protection

8.1 Occupational Exposure Limits

8.1.1 US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
1, 2-Dimethylbenzene (CAS 95-47-6)	PEL	435 mg/m3 100 ppm
2, 6-Dimethyl-4-heptanone (CAS 108-83-8)	PEL	290 mg/m3 50 ppm
2-Heptanone (CAS 110-43-0)	PEL	465 mg/m3 100 ppm
4-Methyl-2-pentanone (CAS 108-10-1)	PEL	410 mg/m3 100 ppm
Ethyl benzene (CAS 100-41-4)	PEL	435 mg/m3 100 ppm
n-Butyl Acetate (CAS 123-86-4)	PEL	710 mg/m3 150 ppm

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

8.1.2 US. ACGIH Threshold Limit Values

Components	Type	Value
1, 2-Dimethylbenzene (CAS 95-47-6)	STEL	150 ppm
	TWA	100 ppm
2, 6-Dimethyl-4-heptanone (CAS 108-83-8)	TWA	25 ppm
2-Heptanone (CAS 110-43-0)	TWA	50 ppm
Ethyl benzene (CAS 100-41-4)	TWA	20 ppm
n-Butyl Acetate (CAS 123-86-4)	STEL	200 ppm
	TWA	150 ppm

8.1.3 US. NIOSH: Pocket Guide to Chemical Hazards

Components	Type	Value
1, 2-Dimethylbenzene (CAS 95-47-6)	STEL	655 mg/m3 150 ppm
	TWA	435 mg/m3 100 ppm
2, 6-Dimethyl-4-heptanone (CAS 108-83-8)	TWA	150 mg/m3 25 ppm
2-Heptanone (CAS 110-43-0)	TWA	465 mg/m3 100 ppm
4-Methyl-2-pentanone (CAS 108-10-1)	STEL	300 mg/m3 75 ppm
	TWA	205 mg/m3 50 ppm
Ethyl Benzene (CAS 100-41-4)	STEL	545 mg/m3 125 ppm
	TWA	435 mg/m3 100 ppm
n-Butyl acetate (CAS 123-86-4)	STEL	950 mg/m3 200 ppm
	TWA	710 mg/m3 150 ppm

8.1.4 US. Workplace Environmental Exposure Level (WEEL) Guides

Components	Type	Value
1-Methoxy-2-propyl acetate (CAS 108-65-6)	TWA	50 ppm

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015

Version: 1.0

8.2 Biological Limit Values

8.2.1 ACGIH Biological Exposure Indices

Components	Value	Determinant	Specimen	Sampling Time
1, 2-Dimethylbenzene (CAS 95-47-6)	1.5 g/g	Methylhippuric acids	Creatinine in urine	*
4-Methyl-2-pentanone (CAS 108-10-1)	1 mg/l	Methyl isobutylene ketone	urine	*
Ethyl benzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in urine	*

* - For sampling details, please see the source document.

8.3 Exposure Guidelines

8.3.1 US - California OELs: Skin Designation

1-Methoxy-2-propyl acetate (CAS 108-65-6) : Can be absorbed through the skin.

8.4 Appropriate Engineering Controls

Explosion-proof general and local exhaust ventilation. Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station. Eye wash fountain and emergency showers are recommended.

8.5 Individual Protection Measures, such as Personal Protective Equipment

8.5.1 Eye/Face Protection

Wear safety glasses with side shields (or goggles).

8.5.2 Skin Protection

Hand Protection

Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier.

Other

Wear appropriate chemical resistant clothing.

8.5.3 Respiratory Protection

Wear positive pressure self-contained breathing apparatus (SCBA).

8.5.4 Thermal Hazards

Wear appropriate thermal protective clothing, when necessary.

8.6 General Hygiene Considerations

When using do not smoke. Keep away from food and drink. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Contaminated work clothing should not be allowed out of the workplace.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance

Physical State	: Liquid.
Form	: Liquid.
Color	: Clear colorless or nearly colorless
Odor	: Solvent.
Odor Threshold	: No data available
pH	: No data available
Melting Point/Freezing Point	: -119.2 °F (-84 °C) estimated
Initial Boiling Point and Boiling Range	: 241.7 °F (116.5 °C) estimated
Flash Point	: 73.0 °F (22.8°C) estimated
Evaporation Rate	: No data available
Flammability (solid, gas)	: Not applicable.
Upper/lower flammability or Explosive Limits	
Flammability limit - lower (%)	: 1.1 % estimated
Flammability limit - upper (%)	: 12% estimated
Explosive limit - lower (%)	: No data available
Explosive limit - upper (%)	: No data available
Vapor Pressure	: 7.31 hPa estimated
Vapor Density	: No data available
Relative Density	: No data available
Solubility(ies)	
Solubility (water)	: No data available
Partition coefficient (n-octanol/water)	: No data available
Auto-ignition temperature	: 740 °F (393.33 °C) estimated
Decomposition temperature	: No data available
Viscosity	: No data available

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015

Version: 1.0

9.2. Other information

Density	:	7.86 lbs/gal
Flammability Class	:	Flammable IB estimated
Percent Volatile	:	55.29 %
Specific Gravity	:	0.94
VOC	:	4.3 lbs/gal Regulatory 4.3 lbs/gal Material 521 g/l Regulatory 521 g/l Material

SECTION 10: Stability and reactivity

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical Stability

Material is stable under normal conditions.

10.3 Possibility of Hazardous Reactions

Hazardous polymerization does not occur.

10.4 Conditions to Avoid

Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Contact with incompatible materials.

10.5 Incompatible Materials

Strong acids. Strong oxidizing agents.

10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on Likely Routes of Exposure

11.1.1 Inhalation

Toxic if inhaled. May cause drowsiness and dizziness. Headache. Nausea, vomiting. May cause allergy or asthma symptoms or breathing difficulties if inhaled.

11.1.2 Skin Contact

May cause an allergic skin reaction.

11.1.3 Eye Contact

Causes serious eye irritation.

11.1.4 Ingestion

Harmful if swallowed.

11.2 Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Headache. May cause drowsiness and dizziness. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Difficulty in breathing. May cause an allergic skin reaction. Dermatitis. Rash.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

11.3 Information on Toxicological Effects

11.3.1 Acute Toxicity

Toxic if inhaled. Harmful if swallowed. Narcotic effects. May cause an allergic skin reaction.

Components	Species	Test Results
1, 2-Dimethylbenzene (CAS 95-47-6) Acute		
Dermal LD50	Rabbit	> 43 g/kg
Inhalation LC50	Mouse	4600 ppm, 6 hours
	Rat	6350 ppm, 4 Hours
Oral LD50	Mouse	1590 mg/kg
	Rat	4300 mg/kg
2, 6-Dimethyl-4-heptanone (CAS 108-83-8) Acute		
Dermal LD50	Rabbit	16200 mg/kg
	Rat	> 2000 mg/kg
Inhalation LC50	Rat	> 5 mg/l, 4 Hours
Oral LD50	Mouse	1416 mg/kg
	Rat	5285 mg/kg
2-Heptanone (CAS 110-43-0) Acute		
Dermal LD50	Rabbit	12600 mg/kg
Oral LD50	Mouse	730 mg/kg
	Rat	1.67 g/kg
4-Methyl-2-pentanone (CAS 108-10-1) Acute		
Dermal LD50	Rabbit	> 16000 mg/kg
Inhalation LC50	Rat	8.2 mg/l, 4 Hours
Oral LD50	Rat	2080 mg/kg
Ethyl Benzene (CAS 100-41-4) Acute		
Dermal LD50	Rabbit	17800 mg/kg
Oral LD50	Rat	3500 mg/kg

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

Components	Species	Test Results
n-Butyl Acetate (CAS 123-86-4) Acute		
Inhalation LC50	Wistar Rat	160 mg/l, 4 hours
Oral LD50	Rat	14000 mg/kg

* Estimates for products may be based on additional component data not shown.

11.4 Skin Corrosion/Irritation

Prolonged skin contact may cause temporary irritation.

11.5 Serious Eye Damage/Eye Irritation

Causes serious eye irritation.

11.6 Respiratory or Skin Sensitization

11.6.1 Respiratory Sensitization

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

11.6.2 Skin Sensitization

May cause an allergic skin reaction.

11.7 Germ Cell Mutagenicity

May cause genetic defects.

11.8 Carcinogenicity

May cause cancer.

11.9 IARC Monographs. Overall Evaluation of Carcinogenicity

- 1, 2-Dimethylbenzene (CAS 95-47-6) : 3 Not classifiable as to carcinogenicity to humans.
- 4-Methyl-2-Pentanone (CAS 108-10-1_) : 2B Possibly carcinogenic to humans
- Ethyl benzene (CAS 100-41-4) : 2B Possibly carcinogenic to humans

11.10 OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

11.11 Reproductive Toxicity

Suspected of damaging fertility or the unborn child.

11.12 Specific Target Organ Toxicity - Single Exposure

May cause drowsiness and dizziness.

11.13 Specific Target Organ Toxicity - Repeated Exposure

Not classified.

11.14 Aspiration Hazard

Not an aspiration hazard.

11.15 Chronic Effects

Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015

Version: 1.0

SECTION 12: Ecological information

12.1 Ecotoxicity

Toxic to aquatic life. Harmful to aquatic life with long-lasting effects.

Components	Species	Test Results
1,2-Dimethylbenzene (CAS 95-47-6) Aquatic		
Crustacea - EC50	Water Flea (<i>Daphnia magna</i>)	0.78 - 2.51 mg/l, 48 hours
Fish - LC50	Rainbow trout, donaldson trout (<i>Oncorhynchus mykiss</i>)	5.59 - 11.6 mg/l, 96 hours
2-Heptanone (CAS 110-43-0) Aquatic		
Fish - LC50	Fathead minnow (<i>Pimephales promelas</i>)	126 - 137 mg/l, 96 hours
4-Methyl-2-Pentanone (CAS 108-10-1) Aquatic		
Fish - LC50	Fathead minnow (<i>Pimephales promelas</i>)	492 - 593 mg/l, 96 hours
Ethyl benzene (CAS 100-41-4) Aquatic		
Crustacea - EC50	Water Flea (<i>Daphnia magna</i>)	1.37 - 4.4 mg/l, 48 hours
Fish - LC50	Fathead minnow (<i>Pimephales promelas</i>)	7.5 - 11 mg/l, 96 hours
n-Butyl Acetate (CAS 123-86-4) Aquatic		
Fish - LC50	Fathead minnow (<i>Pimephales promelas</i>)	17 - 19 mg/l, 96 hours

* Estimates for product may be based on additional component data not shown.

12.2 Persistence and Degradability

No data is available on the degradability of this product.

12.3 Bioaccumulative Potential

12.3.1 Partition Coefficient n-Octanol / Water (log Kow)

1,2-Dimethylbenzene	: 3.12
2-Heptanone	: 1.98
4-Methyl-2-Pentanone	: 1.31
Ethyl benzene	: 3.15
n-butyl acetate	: 1.78

12.4 Mobility in Soil

No data available.

12.5 Other Adverse Effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015

Version: 1.0

SECTION 13: Disposal considerations

13.1 Disposal Instructions

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

13.2 Local Disposal Regulations

Dispose in accordance with all applicable regulations.

13.3 Hazardous Waste Code

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

13.4 Waste from Residues/Unused Products

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

13.5 Contaminated Packaging

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: Transport information

14.1 DOT

UN Number	:	UN1263
UN Proper Shipping Name	:	Paint, Paint Related Material
Transport Hazard Class(es)		
Class	:	3
Subsidiary Risk	:	-
Label(s)	:	3
Packing Group	:	II
Special Precautions for User	:	Read safety instructions, SDS and emergency procedures before handling.
Special Provisions	:	IB2, T7, TP1, TP8, TP28
Packaging Exceptions	:	150
Packaging Non Bulk	:	202
Packaging Bulk	:	242

14.2 IATA

UN Number	:	UN1263
UN Proper Shipping Name	:	Paint, Paint Related Material
Transport Hazard Class(es)		
Class	:	3
Subsidiary Risk	:	-
Packing Group	:	II
Environmental Hazards	:	No.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

ERG Code : 3H

Special Precautions for User : Read safety instructions, SDS and emergency procedures before handling.

Other Information

Passenger and Cargo Aircraft : Allowed.

Cargo Aircraft Only : Allowed.

14.3 IMDG

UN Number : UN1263

UN Proper Shipping Name : Paint, Paint Related Material

Transport Hazard Class(es)

Class : 3

Subsidiary Risk : -

Packing Group : II

Environmental Hazards

Marine Pollutant : No.

EmS : F-E, S-E

Special Precautions for User : Read safety instructions, SDS and emergency procedures before handling.

Transport in bulk according to Annex II of MAR-POL 73/78 and the IBC Code : Not established.

14.4 DOT



14.5 IATA;IMDG



SECTION 15: Regulatory information

15.1 US Federal Regulations

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

15.1.1 TSCA Section 12(b) Export Notification (40 CFR 707, Subpt.D)

Not regulated.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

15.1.2 CERCLA Hazardous Substance List (40 CFR 302.4)

1,2-Dimethylbenzene (CAS 95-47-6) : Listed.
4-Methyl-2-pentanone (CAS 108-10-1) : Listed.
Ethyl benzene (CAS 100-41-4) : Listed.
n-butyl acetate (CAS 123-86-4) : Listed.

15.1.3 SARA 304 Emergency Release Notification

Not regulated.

15.1.4 OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)

Not listed.

15.2 Superfund Amendments and Reauthorization Act of 1986 (SARA)

15.2.1 Hazard Categories

Immediate Hazard : Yes
Delayed Hazard : Yes
Fire Hazard : Yes
Pressure Hazard : No
Reactivity Hazard : No

15.2.2 SARA 302 Extremely Hazardous Substance

Not listed.

15.2.3 SARA 311/312 Hazardous Chemical

No

15.2.4 SARA 313 (TRI reporting)

Chemical Name	CAS Number	% by Wt.
4-Methyl-2-Pentanone	108-10-1	5 to <10
1,2-Dimethylbenzene	95-47-6	0.1 to <1
Ethyl benzene	100-41-4	0.1 to <1

15.3 Other Federal Regulations

15.3.1 Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List

1,2-Dimethylbenzene (CAS 95-47-6)
4-Methyl-2-pentanone (CAS 108-10-1)
Ethyl benzene (CAS 100-41-4)

15.3.2 Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)

Not regulated.

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

15.3.3 Safe Drinking Water Act (SDWA)

Not regulated.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number	
4-Methyl-2-pentanone (CAS 108-10-1)	6715
Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c))	
4-Methyl-2-pentanone (CAS 108-10-1)	35 %WV
DEA Exempt Chemical Mixtures Code Number	
4-Methyl-2-pentanone (CAS 108-10-1)	6715

15.4 US State Regulations

15.4.1 US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100)

Not listed.

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

1,2-Dimethylbenzene (CAS 95-47-6)

4-Methyl-2-pentanone (CAS 108-10-1)

Ethyl benzene (CAS 100-41-4)

light aromatic solvent naphtha (CAS 64742-95-6)

15.4.3 US. Massachusetts RTK - Substance List

1,2-Dimethylbenzene (CAS 95-47-6)

2,6-Dimethyl-4-heptanone (CAS 108-83-8)

2-Heptanone (CAS 110-43-0)

4-Methyl-2-pentanone (CAS 108-10-1)

Ethyl benzene (CAS 100-41-4)

n-butyl acetate (CAS 123-86-4)

15.4.4 US. New Jersey Worker and Community Right-to-Know Act

1,2-Dimethylbenzene (CAS 95-47-6)

2,6-Dimethyl-4-heptanone (CAS 108-83-8)

2-Heptanone (CAS 110-43-0)

4-Methyl-2-pentanone (CAS 108-10-1)

Ethyl benzene (CAS 100-41-4)

n-butyl acetate (CAS 123-86-4)

15.4.5 US. Pennsylvania Worker and Community Right-to-Know Law

1,2-Dimethylbenzene (CAS 95-47-6)

2,6-Dimethyl-4-heptanone (CAS 108-83-8)

2-Heptanone (CAS 110-43-0)

4-Methyl-2-pentanone (CAS 108-10-1)

Ethyl benzene (CAS 100-41-4)

n-butyl acetate (CAS 123-86-4)

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

15.4.6 US. Rhode Island RTK

1,2-Dimethylbenzene (CAS 95-47-6)
4-Methyl-2-pentanone (CAS 108-10-1)
Ethyl benzene (CAS 100-41-4)
n-butyl acetate (CAS 123-86-4)

15.4.7 US. California Proposition 65

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

US - California Proposition 65 - CRT: Listed date/Carcinogenic Substance

4-Methyl-2-pentanone (CAS 108-10-1) : Listed: November 4, 2011
Ethyl benzene (CAS 100-41-4) : Listed: June 11, 2004
Formaldehyde (CAS 50-00-0) : Listed: January 1, 1988
naphthalene (Cas 91-20-3) : Listed: April 19, 2002

US - California Proposition 65 - CRT: Listed date/Developmental toxin

4-Methyl-2-pentanone (CAS 108-10-1) : Listed: March 28, 2014
Toluene (CAS 108-88-3) : Listed: January 1, 1991

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3) : Listed: August 7, 2009

15.5 International Inventories

Country(s) or Region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	Yes
China	Inventory of Existing Chemical Substances in China (IECSC)	No
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 Chemical List (ECL)	No
New Zealand	New Zealand Inventory	No

On Track Clearcoat Activator Medium (1075E)

Safety Data Sheet ONT.1075E

Date of issue: 07/28/2015 Version: 1.0

Country(s) or Region	Inventory Name	On Inventory (yes/no)*
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	No

*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).

SECTION 16: Other information

16.1 Issue Date

07-28-2015

16.2 Version

01

16.3 HMIS® Ratings

Health: 3*

Flammability: 3

Physical Hazard: 0

16.4 NFPA Ratings

Health: 3

Flammability: 3

Instability: 0

16.5 Disclaimer

The information in the sheet was written based on the best knowledge and experience currently available. THE INFORMATION CONTAINER HEREIN IS BASED ON DATA BELIEVED TO BE RELIABLE AND THE MANUFACTURER DISCLAIMS ANY LIABILITY INCURRED FROM THE USE OR RELIANCE UPON THE SAME. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. 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. This safety information is not a license to use this material as claimed by any patents of third parties. The user alone must finally determine whether a contemplated use of this material will infringe any such patents, and for obtaining any required licenses.