

MATERIAL DATA SAFETY SHEET

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS & 2001/58 EC Standards

SECTION I – PRODUCT IDENTIFICATION

REVISION DATE: 12/1/2013

Product Name: INSTASET RAPID DRY
 Chemical Name: N/A
 Synonyms: INSTASET RAPID DRY
 Trade Name: **INSTASET RAPID DRY**
 Product use: Fingernails coating only
 Distributor's Name: CHRISTRIO
 Distributor's Address: 2420 Railroad; Corona, CA. 92881
 Information Contact: 1 951 808 4730
 Emergency Phone: Canada & US (800) 535-5053 International: 1 -352-323-3500
 EU Address: 167-171 Willoughby Lane; Tottenham, London N17 OSB; UK

SECTION II – HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This information may be based on finding related or similar materials

- Flammable liquid and vapor!
- May cause allergic skin reaction.
- May cause eye irritation.
- Avoid prolonged or repeated breathing of gases, vapors, or mists

Potential Health Effects, Signs, and Symptoms of Exposure:

Primary Route of Entry	Inhalation, skin contact, eye contact
Eye	Exposure may cause eye irritation. Symptoms include stinging, tearing, redness, and swelling.
Skin	Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying, cracking, and skin burns.
Ingestion	Swallowing small amounts during normal handling is not likely to cause harmful effects; swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting.
Inhalation	No specific information available. Low volatility makes vapor inhalation unlikely. Vapors and mist are irritating to mucous membrane. Breathing small amounts during normal handling is not likely to cause harmful effect. Breathing large amounts may be harmful. Symptoms usually occur at air concentrations higher than the recommended exposure limits.
Sub-Chronic Effects	May cause headaches, nausea, vomiting and narcotic effect if over-exposed.

NOTE: Refer to Section XI, Toxicological Information for Details

SECTION III – COMPOSITION/INFORMSTION

Chemical Identity	CAS#	EINEC#	INCI Name	Exposure OSHA TWA/STEL	LIMITS ACGIH TWA/STEL	Carcinogen	%
Acetone	67-64-1	200-662-2	Acetone	100ppm	750ppm	NOT LISTED	55-65
Ethyl Acetate	141-78-6	205-500-4	Ethyl Acetate	400ppm	400ppm	No/no/no	25-30
Isobutyl Acetate	110-19-0	203-745-1	Isobutyl Acetate	150ppm	150ppm	NOT LISTED	5-10
Ethyl-4 Dimethylaminobenzoate	10287-53-3	233-634-3	Ethyl Dimethylaminobenzoate	N/E	N/E	NOT LISTED	0-1
N,N-Dimethyl-p-toluidine	99-97-8	202-805-4	Dimethyltolylamine	N/E	N/E	NOT LISTED	0-1
MAY CONTAIN:							
Peach Oil	8002-78-6	N/E	Prunus Persica (Peach) Kernel Oil	N/E	N/E	NOT LISTED	0-1

See Section XVI for Risk and Safety Phrase

N/E – None Established N/DA – No Data Available N/R – Not Review N/A – Not Applicable

Acetone: Hazard Symbol – F, Xi Risk Phrases – R11, R36, R66, R67 Safety Phrases – S2, S9, S16, S26
Ethyl Acetate: Hazard Symbol: F, Xi Risk Phrases: R11, R36, R66, R67 Safety Phrases: S2, S16, S26, S33
Isobutyl Acetate: Hazard Symbol – F Risk Phrases – R11, R66 Safety Phrases – S2, S16, S23, S25, S29, S33

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SECTION IV - FIRST AID MEASURES

First Aid for Eye	If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water for 15 minutes while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention.
First Aid for Skin	Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist, seek medical attention.
First Aid for Inhalation	Remove to fresh air. If breathing is difficult, administer oxygen. If symptoms persist, seek medical attention.
First Aid for Ingestion	If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Seek medical attention for advice about whether to induce vomiting. If possible, do not leave individual unattended.

SECTION V - FIRE FIGHTING MEASURES

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-Ignition Temperature (vol %)
TAG Closed: 68°F/20°C	400ppm	N/DA

Method:

Extinguishing Media:	Foam, dry chemical, cold water spray.
Fire Fighting	Wear self-contained breathing apparatus and protective clothing. USE WATER WITH CAUTION.
Instructions:	Use water spray to keep fire-exposed containers cool. Water may be ineffective in fighting the fire. Fight fire from a safe distance and protected location.
Unusual Hazards:	Flammable. When exposed to heat and flame, material is a fire explosion hazard. It may produce toxic products CO, Carbon dioxide and oxides of nitrogen. Vapors may cause a flash fire or ignite explosively. Vapors may travel considerable distance to a source of ignition and flash back. Prevent buildup of vapors or gases to explosive concentrations.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Spill or Release Procedures	Eliminate all sources of heat and ignition. Use absorbent material for spills and dike it, wash spill material into retaining containers. Place containers in a well-ventilated area. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as sawdust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802. EU Regulations require the consultation of Directive 98/24/EC. If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures.
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SECTION VII - HANDLING AND STORAGE

Handling	Keep containers cool and dry. Keep away from heat, light and ignition sources. Avoid breathing high vapor concentrations. Avoid prolonged or repeated contact with skin. Use only with adequate ventilation. Containers should be bonded and grounded for transfers to avoid static sparks. Use non-sparking type tools and equipment, including explosion proof ventilation. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose empty containers to heat, sparks, or open flames. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid). Wash thoroughly after handling.
Storage	Store in well-ventilated area. Store @ 70°F +/- 15°F, allow some air space above liquid level. Keep containers closed while not in use.
Explosion Hazard	Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking or other ignition sources at locations distant from material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.

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SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls	Facilities storing or utilizing this material should be equipped with an eye facility and safety shower. Use process enclosures local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof ventilation equipment.
Personal Protective Equipment	
General	To identify additional Personal Protective Equipment (PPE) requirements, it is recommended that a hazard assessment in accordance with the OSHA PPE Standard (29CFR1910.132), or European Standard EN166 be conducted before using this product. Provide eye wash stations and safety showers. Wear impervious clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole suit. Nitrile rubber is better PVC.
Eye/Face Protection	Use impermeable clothing to prevent ANY contact with this product, such as gloves, apron, boots, or whole body suit. Nitrile rubber is better than PVC.
Skin Protection	Wear resistant gloves. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.
Respiratory Protection	A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain limited circumstances, where airborne concentrations are expected to exceed exposure limits. Protection provided by nuisance level organic vapor dust masks can be used, however the use of the respirator is limited. Follow OSHA respirator regulations found in 29 CFR1910.134 or European

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Odor & Odor Theshold	pH	Specific Gravity	Viscosity	% Volatile
Clear liquid	Fruity ester odor	N/A	(H2O=1) : 0.86	300-400cps	W/W% (70°F): 99+

Boiling Point/ Feezing Point	Decomposition Temperature	Octanol/Water Partitioning Coefficient	Vapor Pressure	Vapor Density	Evaporation Rate	Ignition	Solution In Water
160°F/71°C	N/DA	N/DA	N/DA	(Air=1): 1	N/A	N/A	Miscible in all proportions of water

Flash point (°F/°C)	Flammable Limit (Vol %)	Auto-ignition Temperature (Vol %)
TAG Closed: 68°F/20°C	400ppm	N/DA

SECTION X - STABILITY AND REACTIVITY

Stability: Stable under ordinary conditions of use and storage	Incompatibility (Materials to Avoid): Avoid oxidizing agents, acids & bases (heat)
Hazardous Decomposition Products: Heated material produces NO2 , CO2 , CO	Hazardous Polymerization: Will not occur

Conditions to Avoid:
Heat, flame, ignition sources.

SECTION XI - TOXICOLOGICAL INFORMATION

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation - Skin	Irritation -Eye
Oral, rat: LD50 = 3.2-6.4 g/kg	Dermal, rabbit: LD50 = >20 mL/kg	Inhalation, rat: LC50 = 3500-8000 ppm/4 hours	Rabbit: slight	Rabbit: slight

Since this product contains very low concentration of active components, the primary toxicological information is derived from the obligomers. Further hazardous properties cannot be excluded. The prodcut should be handled with care when dealing with chemicals.

Sensitization	Mutagenicity	Sub-chronic Toxicity
Minor	Hamster fibroblast, 40 g/L sex chromosome loss/non disjunction: S .cerevisiae, 47600 ppm Salmonela typhimurium TA92, TA94, TA98, TA100, TA1537 with metabolic activation.	N/DA

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Acute Toxicity To Fish	Acute Toxicity To Invertebrates	Acute Toxicity To Algae	Bioconcentration	Toxicity to Sewage Bacterials
Rainbow trout LC50 = 5540 mg/L; 96 HR; Static Conditions	N/DA	N/DA	N/DA	N/DA

Biodegradability	When released into the soil, this material is expected to readily biodegrade, leach into groundwater, and/or quickly evaporate.
Chemical Oxygen Demand	N/DA

To the best of our knowledge, the ecotoxicological and chemical fate properties have not been investigated. DO NOT allow to entering drinking water supplies, wastewater, or soil.

Dispose of diking materials and absorbent in compliance with State, Local, and Federal regulations. Residual vapors may explode on ignition; do not cut, drill, or weld on or near the container. Mix with compatible chemical which is less flammable and incinerate. Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements. For EU Member States, please refer to any relevant Community provisions relating to waste. In their absence, it is useful to remind the user that national or regional provisions may be in force.

DOT (49 CFR 172) (GND)	
Proper Shipping Name	UN1993, Flammable liquids, n.o.s., (acetone, ethyl acetate), 3, PGII
Identification	UN1993
Marine Pollutant	No
Special Provisions	T8, T31
Emergency Response Guidebook (ERG) #	128
IATA (DGR) (AIR)	
Proper Shipping Name	UN1993, Flammable liquids, n.o.s., (acetone, ethyl acetate), 3, PGII
Class or Division	3
UN or ID Number	UN1993
Packing Instructions	None
Emergency Response Guidance(ICA0)#	3L
IMO (IMDG)	
Proper Shipping Name	UN1993, Flammable liquids, n.o.s., (acetone, ethyl acetate), 3, PGII
Class or Division	3.2
UN or ID Number	UN1993
Special Provision & Stowage/Segregation	None
Emergency Schedule (EmS)#	3-07
Other Information	Flash point = 20°C

SECTION XV - REGULATORY INFORMATION

US Federal Regulations

Clean Air Act: HAP/ODS	This product contains the following hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act: NONE, This product contains no ODS's
Clean Water Act: Priority Pollutant	This product contains the following chemicals listed under the U. S. Clean Water Act Priority Pollutant and Hazardous Substance List: • Isobutyl Acetate, CAS# 110-19-0
FDA: Food Packing Status	This product has not been cleared by the FDA for use in food packaging and/or other application as an indirect food additive.
Occupational Safety and Health Act	This product is considered to be a hazardous chemical under the OSHA Hazard Communication Standard. Its hazards are: Fire hazard* Immediate (acute) health hazard
RCRA	This product contains chemicals considered to be hazardous waste under RCRA (40 CFR261): • Ethyl Acetate CAS# 141-78-6, RCRA Code U112 • Acetone, CAS# 67-64-1, RCRA Codes U002 May contain Characteristic of Ignitability: RCRA Code: D001
SARA Title III: Section 302 (TPQ)	This product contains chemicals regulated under Section 302-304 as extremely hazardous chemicals for emergency release notification ("CERCLA" List): • Acetone, CAS# 67-64-1, RQ(lbs.): 5,000 • Ethyl Acetate CAS# 141-78-6, RQ(lbs.): 5000 • Isobutyl Acetate CAS# 110-19-0, RQ(lbs.): 5000
SARA Title III: Section 302 (RQ)	This product contains no chemicals regulated under Section 302 has extremely dangerous chemical for emergency release notification ("CERCLA" List).

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SECTION XV – REGULATORY INFORMATION (Continued)

SARA Title III: Section 311-312	This product is considered to be hazardous under the OSHA Hazard Communication Standard and is regulated under Section 311-312 (40 CFR 370). Its hazards are: · Immediate (acute) health hazard · Fire hazard
SARA Title III: Section 313	This product contains the following chemicals which are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372: · Acetone, CAS# 67-64-1
TSCA Section 8(b): Inventory:	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
TSCA Significant New Use Rule	None of the chemicals listed have a SNUR under TSCA.

State Regulation

CA Right-to-Know Law California No Significant risk Rule	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0 None
MA Right-to-Know Law	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
NJ Right-to-Know	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
PA Right-to-Know Law	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0, Lanolin CAS #8006-54-0
FL Right-to-Know Law	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0
MN Right-to-Know Law	Acetone CAS #67-64-1, Ethyl Acetate CAS #141-78-6, Isobutyl Acetate CAS #110-19-0

International Regulations

CDSL: Canadian Inventory (on Canadian Transitional List)	Acetone CAS# 67-64-1 is on the DSL List. WHMIS = n/da Ethyl Acetate CAS# 141-78-6 is on the DSL List. WHMIS = n/da Isobutyl Acetate CAS# 110-19-0 is on the DSL List. WHMIS = n/da N,N-dimethyl-p-toluidine DSL regulatory status: Included, WHMIS: n/da
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Labeling according to directive – 1999/45/EC

European Community:



Instaset Rapid Dry

· HAZARD SYMBOLS: **Xi**: Irritant, **F**: Highly Flammable **N**: Dangerous for Environment
RISK PHRASES: **R22** Harmful if swallowed **R36/37/38**: Irritating to eyes, respiratory system, and skin, **R33** Danger of cumulative effects.
SAFETY PHRASES: **S7/9**: Keep container tightly closed and in a well-ventilated place, **S24** avoid contact with skin and eyes, **S33**: Take precautionary measures against static discharges, **S36/37**: Wear suitable protective clothing and gloves, **S38**: in case of insufficient ventilation, wear suitable respiratory equipment, **S46**: If swallowed seek medical advice immediately and show this container or label.

SECTION XVI – OTHER INFORMATION

Hazard Symbol:

Xi – Irritants

F – Flammable substance or preparation

Xn -Harmful substance or preparation

Risk Phrases:

R11 Highly flammable; **R36** Irritating to eyes; **R66** Repeated exposure may cause skin dryness or cracking **R67**

Vapors may cause drowsiness and dizziness **R38** Irritating to skin;

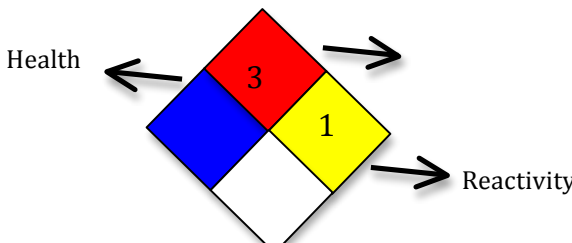
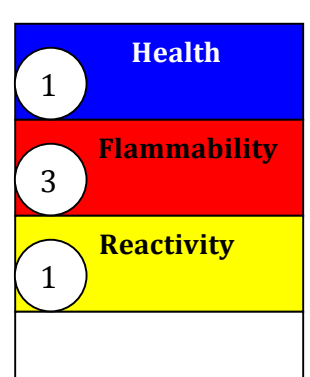
Safety Phrases:

S2 Keep out of the reach of children; S9 Keep container in a well-ventilated place; S16 Keep away from

Do not breath gas/fumes/vapour/spray; S25 Avoid contact with eyes; S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice; S29 Do not empty into drains; S33 Take precautionary measures against static discharges

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<p>NFPA:</p> 	<p>HMIS:</p> 
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SECTION XVI - OTHER INFORMATION (continued)

N/E - Not Establish N/R - No Review N/DA - No Data Available N/A - Not Applicable
 OSHA PEL for nuisance dust 15mg/m³ (total dust) 5mg/m³ (Respirable dust)
 ACGIH PEL for nuisance dust 10mg/m³

Prepared By:	CHRISTRIO
Update Composition	Dec. 1 st ,2013

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