NAIL CREATION PROFESSIONAL

MATERIAL SAFETY DATA SHEET

TOP COAT EXPRESS

Version: 17/08/2005

MATERIAL SAFETY DATA SHEET
According 91/155/CEE (93/112/EEC)

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name **Top coat Express**

Manufacturer/distributor:

Company: **CNC International BV**
Addressee: Burgemeesterlaan 2
6002 EG Weert
Netherlands
Phone +31-495-547409
Fax +31-495-548213

2. COMPOSITION/INFORMATION ON INGREDIENTS

This product is considered dangerous and contains the following hazardous substances:

Name	%	Index CEE	Cas	Einecs	Symbol(s)	Phrase(s) R
Ethyl Acetate	> 60 < 70	607-022-00-5	141-78-6	205-500-4	Xi F	11 36 66 67
Nitrocellulose	> 10 < 20	----	9004-70-0	263-069-9	F Xi	11 36/37/38
Propane-2-ol	> 2 < 5	603-117-00-0	67-63-0	200-661-7	Xi F	11 36 67

3. HAZARDS IDENTIFICATION

Risk Phrases Irritant for respiratory eyes and skin
Highly flammable
Primary route of exposure Skin contact, inhalation of vapours

Symptoms associated with use:

Inhalation : Possible drowsiness and dizziness. Risk of respiratory problems.
Skin contact: Redness, pain. The skin absorbs part of the ingredients of this product. Can cause dry or chapped skin.
Eye contact: Redness, watering, blurred vision. Risk of irritant effect on eyes.
Ingestion: Health risk even in small quantities. Product should not come into contact with foodstuffs.

4. FIRST AID MEASURES

In general, in case of doubt or if symptoms persist, consult a physician and show the product label or this MSDS. Never give anything by mouth to a person who is unconscious or likely to become so (state of shock, etc …)

Inhalation: Move to fresh air, keep warm and get medical advice.
If breathing is irregular or stops, give artificial respiration (if possible give oxygen) and contact the local Emergency Services.

Skin contact: Remove soiled clothing, clean affected areas with copious amounts of soapy water.
Do not use solvents (thinners …).

Eye contact: In case of contact with eyes, rinse immediately with fresh water for 15 minutes holding eyelids open.
Refer the victim to an ophthalmologist immediately and show the product label or this MSDS; this should be treated as an emergency in case of symptoms (redness, pain, visual problems).

Ingestion: If quantity is small (less than a mouthful), rinse mouth with water. DO NOT induce vomiting. In all cases, seek medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media:

- for minor fires: Chemical powders, carbon dioxide and other extinguishing gases may be suitable for minor fires.

- recommended: Special foam for polar liquids.

- to avoid: Water without additives.

Prevention: Avoid naked flames or other sources of ignition in areas where product is used; protect electrical equipment (risk of explosive zones). No smoking. Dry residue stay highly flammable (contain nitrocellulose)

Special procedure: Exercise caution when fighting any chemical fire. Use water to keep the containers exposed to fire cool.
Avoid increase in pressure causing the release of the drum lid.
Fire often produces a dense black smoke; vapours heavier than air; exposure to decomposition products constitutes a serious health hazard.
Do not inhale smoke.

Prevent fire-fighting effluent from entering drains, watercourses and/or environment.

5. FIRE-FIGHTING MEASURES (CONTINUED)

Special equipment:	Self-contained breathing apparatus to protect against toxic gases produced by thermal decomposition.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions:	Remove all possible sources of ignition and thoroughly ventilate premises. Do not inhale fumes. Avoid skin and eye contact. See § 7 et 8.
Environmental precautions:	Prevent product from entering drains or watercourses. If product contaminates ground water, rivers or drains (or is likely to do so), notify the relevant authorities, following the statutory procedures.
Cleaning / taking up:	Clean up any spills as soon as possible, using a non-combustible absorbent material to collect it, for example: sand, earth, vermiculite, diatomic earth. Collect material into suitable drums for disposal in accordance with regulations (see Section 13). It is preferable to clean with detergents, do not use solvents.

7. HANDLING AND STORAGE

General:	Handle in accordance with good industrial hygiene and safety procedures. Avoid naked flames or other sources of ignition in areas where product is used. No smoking. Do not allow unauthorized persons into areas where product is used.
Precautions in handling and storage:	Handle empty containers with care because residual vapours are flammable. Dry residue stay highly flammable (contain nitrocellulose)
Storage:	Store in tightly closed containers in a cool, dry, well-ventilated place, away from sources of ignition.
Handling:	Ensure prompt removal from eyes, skin and clothing.
Recommended equipment and	For personal protection, see Section 8. Observe the precautions indicated on the label as well as workplace

procedures: safety rules.
Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

7. HANDLING AND STORAGE (CONTINUED)

Technical protective measures:

Provide proper grounding. Use only non-sparking tools. Do not use compressed air to either agitate or transfer the contents of storage containers (tanks) / shipping drums containing this material

Avoid build-up of static charges by:

- Ø ensuring that flooring is conductive and keeping it clean,
- Ø ensuring that equipment in earthed during transfer or stirring of the product or preparations containing the product,
- Ø the use of antistatic shoes, clothing and packaging.

Fumes are heavier than air and they may spread at ground level and form explosive mixtures with air.

Avoid the formation of explosive concentrations and concentrations above occupational exposure limits.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values:	**TLV**	**PEL**
Ethyl Acetate	400 ppm	-
Isopropyl Alcohol	5mg/m3	-

Respiratory protection: If vapour concentrations exceed the established exposure limits, respiration protection is necessary, wear a gas mask with appropriate cartridge.

Eye protection: Use eye protection (chemical goggles or safety glasses) to avoid splashing.

Hand protection: Use gloves to prevent skin contact and possible irritation.

Ingestion: When using, do not eat, drink or smoke.

Personal hygiene: Minimize breathing of vapour. Avoid prolonged contact with skin. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid, viscous.	
Odour:	Solvent.	
Boiling Point/Range (°C):	> 77 °C	
Flash Point (°C):	< 21 °C	
Explosive Limits % Vol:	lower	upper
Ethyl Acetate	2,1	11,5

Specific gravity:	0,95 - 1,05 gr/cm3 at 20 °C
Solubility in water:	Not miscible.
Viscosity at 25°C (mpas):	variable

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to be avoided:	Heating
Materials to avoid:	Alkali metals, strong acids/alkalis, fluorine, hydrides, strong oxidizing agents, water with air and light
Hazardous decomposition:	Thermal decomposition may liberate carbon and nitrogen oxides
Further Information	Light sensitive, sensitive to air; unsuitable working materials: various plastics. Explosible with air in a vaporous/gaseous state

11. TOXICOLOGICAL INFORMATION

Exposure to levels above the values under Section 8, or regular exposure even if levels are lower, of vapours from solvents present in the preparation may be harmful for health; the effects through inhalation of the vapours and/or contact with skin on long or short time are:

- Ø irritation of mucous membranes and respiratory tract, renal, liver and central nervous system affections.

  Symptoms include headaches, dizziness, fatigue, muscular asthenia and, in extreme cases, unconsciousness.

Prolonged or repeated skin contact can lead to defatting, provoking non-allergic contact dermatitis and absorption of product through the skin.

Tests carried out on animals using some of the raw materials indicate that splashes to the eyes

can cause irritation and irreversible damage (possibility of lesions of at least 24 hours' duration).

12. ECOLOGICAL INFORMATION

Fish toxicity (LC50) Specific to solvents
Bacteria toxicity (LC50):

Do not allow to enter waters, waste water, or soil !

13. DISPOSAL CONSIDERATIONS

Material disposal: Avoid release to the environment. Dispose of this material at hazardous or special waste collection point or give to an agreed waste collector / transporter for elimination or treatment. Dispose in a safe manner in accordance with local regulations.

Container: Empty containers /drums for storage or transport before giving to an agreed collector. Keep label (Flame, Class 3) on the container and dispose of it as hazardous waste.

14. TRANSPORT INFORMATION

Proper shipping name Paint related material **UN:** 1263

ADR/RID:

H.I.:	33	**ADR/RID:**	3
Packaging Group	II		

IMDG

IMCO:	3	**EMS**	3-05
Packaging Group	II	**Flashpoint**	- 4 °C

IATA/IACO

ICAO Label:	Flammable liquid	**Packaging Group**	II

15. REGULATORY INFORMATION

Symbols	Irritant	Xi
	Highly flammable	F

R Phrases	R11	Highly flammable
	R36	Irritant to eyes
	R66	Repeated exposure may cause skin dryness or cracking.
	R67	Vapours may cause drowsiness and dizziness.
S Phrases	S9	Keep container in a well-ventilated place
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S27	Take off immediately all contaminated clothing
	S29	Do not empty into drains
	S33	Take precautionary measures against static discharges
	S37/39	Wear protective gloves and eye/face protection.
	S43	In case of fire, use special foam for polar liquids or chemical powders, carbon dioxide. Never use water.
	S45	In case of accident or if you feel unwell, seek medical advice

16. OTHER INFORMATION

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

DISCLAIMER OF LIABILITY The information contained in this Material Safety Data Sheet was obtained from sources, which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.
For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.
This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

Department issuing data specification sheet: EHS Department Approved: Laboratory

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