MATERIAL SAFETY DATA SHEET

C5000 – NC Fill it up

Version: 01/02/2010

MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name Ridge Filler

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

2. HAZARD IDENTIFICATION

- **Designation of Hazard**

HIGHLY FLAMMABLE - IRRITANT

Vapours form from this product and may travel or be moved by air currents and ignited by pilot lights, other flames, sparks, heaters, electrical equipment, static discharges or other ignition sources at locations distant from product handling point. This material may produce a floating fire hazard.

- **Effects of overexposure**

Cause eye irritation. Harmful if swallowed. May cause nose and throat irritation. Causes skin irritation. May effect the brain or nervous system, causing dizziness, headache or nausea. Harmful if inhaled.

- **Other effects of overexposure may include**

Narcosis, conjunctivitis, loss of coordination, vomiting, lacrimation, redness and swelling of eyes, difficulty with speech, reduced visibility, abdominal pain, swelling and redness of skin, fatigue, cough, dermatitis, drowsiness, unconsciousness.

- **Primary Route(s) of Entry**

Inhalation, skin contact, eyes.

- **Medical conditions that can be aggravated**

NA.

- **Chronic health hazards**
- **Repeated overexposure to this product may cause**

Lung damage, liver abnormalities, kidney damage, central nervous system damage, blood effects. In accordance with 29CFR1910.1200, this product contains no ingredients, listed by NTP, IARC or OSHA as carcinogenic.

- **Notice**

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

MATERIAL SAFETY DATA SHEET

3. COMPOSITION / INFORMATION ON INGREDIENTS

- **Chemical Characterization**

Nitrocellulose with nitrogen content < 12.2 % and a concentration < 20 % in a blend of solvents.

- **Hazardous Components**

INGREDIENT	CAS NUMBER	HAZARD	HAZARD SYMBOL
Butyl Acetate	123-86-4	FLAMMABLE	----
Ethyl Acetate	141-78-6	HIGHLY FLAMMABLE, IRRITANT	F, Xi
Nitrocellulose	9004-70-0	HIGHLY FLAMMABLE	F
N-Butyl Alcohol	71-36-3A	HARMFUL FLAMMABLE	Xn
Isopropyl Alcohol	67-63-0	HIGHLY FLAMMABLE, IRRITANT	F, Xi

4. FIRST AID MEASURES

- **Skin contact**

Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes. Flush with plenty of water.

- **Inhalation**

Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

- **Ingestion**

Get medical attention IMMEDIATELY.

- **Eye Contact**

Immediately wash the eyes with plenty of water for at least 10 min. holding the eye open. Obtain medical attention urgently.

5. FIRE-FIGHTING MEASURES

- **Extinguishing Media**

Foam, Carbon Dioxide or Dry Chemical.

MATERIAL SAFETY DATA SHEET

- **Unusual Fire and Explosion Hazards**

During emergency conditions, overexposure to decomposition products may cause a health hazard; symptoms may not be immediately apparent. Obtain medical attention.

- **Special Firefighting procedures**

Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure build-up, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus is needed to protect fire-fighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

6. ACCIDENTAL RELEASE MEASURES

- **Step to be taken in case material is released or spilled**

Remove all sources of ignition. Wear appropriate safety equipment as listed in Section 8. Absorb on inert material and dispose of as below.

- **Waste Disposal Methods**

Dispose in accordance with FEDERAL, STATE and local regulations. Incineration is the preferred method of disposal.

7. HANDLING AND STORAGE

- **Precautions to be taken in handling and storage**

Store in well-ventilated area. Keep containers closed when not in use. Store away from ignition sources. All equipment should be grounded. Avoid strong oxidizing agents, store in a clean, dry area.

- **Other Precautions**

All precautions must be observed. Empty container may retain product residues (vapour or liquid).

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Exposure Limits**

Hazardous Ingredients	Cas Nr.	Desc.	Value	Unit	Comment
Butyl Acetate <Acetic Acid, Butyl Ester>	123-86-4	PEL-TWA TLV-STEL PEL-STEL	150 200 200	Ppm Ppm Ppm	 15 minutes 15 minutes
Ethyl Acetate	141-78-6	PEL-TWA	400	Ppm	
N-Butyl Alcohol	71-36-3A	TWA VLE Vapor pres	50 50 0.58	Ppm Ppm Kpa	 20ºC
Nitrocellulose	9004-70-0	PEL-TWA	NA		

Isopropanol <Isopropyl Alcohol>	67-63-0	PEL-TWA TLV-STEL PEL-STEL	400 500 500	Ppm Ppm Ppm	 15 minutes 15 minutes

- **Personal Protection**

RESPIRATORY PROTECTION

Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapour/mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

VENTILATION

Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits as listed in Section 8.

PROTECTIVE GLOVES

Chemical resistant protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

EYE PROTECTION

Splash-proof chemical goggles should be worn

OTHER PROTECTIVE EQUIPMENT

Impervious clothing and boots should be worn. Eye bath and safety shower should be provided.

HYGENIC PRACTICES

Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM	: Viscous Liquid		
COLOUR	: Pink		
ODOUR	: Esters		
BOILING POINT	: 77ºC at 1013 hPa (Ethyl Acetate)		
BOILING RANGE	: 77 to 130ºC		
SPECIFIC GRAVITY	: 0.930-0.960		
VAPOUR PRESSURE (mm Hg)	: 100 (27ºC) (Ethyl Acetate)		
FLASH POINT	: < 21 ºC		
FLAMMABLE LIMITS (% v/v)	:	Upper	Lower
Ethyl Acetate		11.0	2.2
Butyl Acetate		7.6	1.7
Isopropanol		12.0	1.8
pH	: Not applicable		
SOLUBILITY IN WATER	: Insoluble		
EVAPORATION RATE	: Slower than ether		

MATERIAL SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

Material is STABLE under non-emergency conditions.
Material WILL NOT undergo hazardous polymerization.
HAZARDOUS DECOMPOSITION PRODUCTS
Methane, oxides of nitrogen. Carboxylic acids, various hydrocarbons, oxides of carbon, aldehydes, hydrogen cyanide, acids.
CONDITIONS TO AVOID
Heat, sparks, open flame.
MATERIALS TO AVOID
Sodium hydroxide, nitric acid, oxidizers, acids, alkali, metal, amines.

11. TOXICOLOGICAL INFORMATION

INGREDIENT	LD50 (Oral, Rat)	LC50 (Inhal, Rat)	LC50 (Dermal, Rabbit)
Butyl Acetate	14000 mg/kg	2000 ppm	
Ethyl Acetate	11300 mg/Kg	1600 ppm (8h)	
Isopropyl Alcohol	5840 mg/Kg	16000 ppm (8h)	13000 mg/kg

INGESTION
Important ingestion can cause nausea and a great narcosis with weakness, drowsiness and loss of consciousness
INHALATION
Can cause irritation of the nose and the throat. At high concentration can cause narcosis.
CONTACT WITH THE SKIN
Prolonged contact can cause crack in skin.
CONTACT WITH THE EYES
Can Cause irritation of the conjunctive. Can cause injury of the cornea.

12. ECOLOGICAL INFORMATION

No Data.

13. DISPOSAL CONSIDERATIONS

Incinerate in a furnace where permitted under national and local regulations.

14. TRANSPORT INFORMATION

ROAD TRANSPORT
Class : 3
Pack Group : II
Label : 3
Kemler number : 33
UN Number : 1263

MATERIAL SAFETY DATA SHEET

MARITIME TRANSPORT

UN Number	: 1263
Class	: 3
Pack Group	: II
Ems Number	: F-E, S-E
Flash Point	: -5 ºC

IATA

UN Number	: 1263
Class	: 3
Pack Group	: II
Packing instr.	: 305 (Passenger) 307 (Cargo)

15. REGULATORY INFORMATION

Labelling according to EEC-Directives

SYMBOL	: F,Xi
INDICATION OF DANGER	: Highly Flammable, Irritant
RISK PHRASES	: 11,36,66,67
SAFETY PHRASES	: 16,23,25,26,29,33

16. OTHER INFORMATION

DISCLAIMER

While CNC International BV believes that the data contained herein are accurate and derived from qualified sources, the date are not to be taken as a warranty or representation for which CNC International BV assumes legal responsibility. They are offered solely for your consideration, investigation and verification. Any use of these data information must be determined by the user to be in accordance with applicable Federal, State and local laws regulations.

CNC International BV requires all Customers who receive this Security Data Record to study it carefully in order to be informed of any dangers presented by the product. As far as security is concerned, the Customer should:

MATERIAL SAFETY DATA SHEET

- Inform his employees, agents and sub-contractors of information contained in this form.
- Supply one copy of this form to each one of his own Customers for this product.
- Ask for these same Customers to inform in turn their own Employees and Customers.