



**SAFETY DATA SHEET**  
HD PROFESSIONAL NAIL SYSTEMS  
CORE POWDER SERIES

Compilation date: 14/08/2013

Revision No: 1

**Section 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

**Product name:** CORE POWDER- SILK ROSE  
**REACH registered number(s):** N/A - POLYMER  
**Product code:** HDPRO-SR08

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

**Use of substance / mixture:** Free flowing acrylic bead for use by Professionals only in the making of acrylic nail Enhancements.  
The polymer is used with a specific acrylic monomer. PC39: Cosmetics and personal care products.

**1.3. Details of the supplier of the safety data sheet**

**Company name:** Hazel Dixon Nails Ltd  
Unit 4, Faraday Place, Thetford, Norfolk, IP24 3RG  
**Tel:** 44 7494 470 168  
**Email:** hazeldixonnails@yahoo.co.uk

**1.4. Emergency telephone number**

**Emergency Tel:** +31 (0) 40 -2307559 (Office hours only)

**Section 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Classification under CLP:** STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315; Skin Sens. 1: H317

**Most important adverse effects:** Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation.  
May cause respiratory irritation.

**2.2. Label elements**

**Label elements:**

**Hazard statements:**

- H315: Causes skin irritation.
- H317: May cause an allergic skin reaction.
- H319: Causes serious eye irritation.
- H335: May cause respiratory irritation.

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**Signal words:** Warning

**Hazard pictograms:** GHS07: Exclamation mark



## Precautionary statements:

P271: Use only outdoors or in a well-ventilated area.

P280: Wear.

P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312: Call a POISON CENTER and or Doctor if you feel unwell.

P321: Specific treatment (refer to label)

<b>Primary Route of Entry</b>	Eyes or skin (No absorption); inhalation of dust.
<b>Eye</b>	Higher concentration can irritate eyes. May cause eye irritation or damage.
<b>Skin</b>	Repeated or prolonged exposure may cause allergic skin rashes.
<b>Ingestion</b>	Higher concentration can irritate respiratory system.
<b>Inhalation</b>	Possibly temporary discomfort due to inhalation of dust concentration above the permissible exposure limit. Dust may cause irritation of the nose, throat, and lungs.
<b>Sub-Chronic Effects</b>	<p>For Polymer: OSHA classifies this material as Particulates, Not otherwise Classified. Eyes, skin and Respiratory tract may be irritated by gross overexposure to Particulates, Not Otherwise Classified, no matter how they are generated. Avoid inhalation of dust.</p> <p>Keep dust out of eyes to prevent possible irritation.</p> <p>For decomposition product: Methyl Methacrylate Monomer; Liquid or high vapor concentration can irritate eyes, respiratory system and cause skin rashes. Prolonged exposure can lead to headaches, nausea, staggering gait, confusion, drowsiness and unconsciousness. Repeated and prolonged over exposure may cause permanent brain and nervous system damage, allergic skin rashes, eye corrosion and permanent injury, as well as changes in liver and kidney function or damage. For Benzoyl Peroxide: repeated or prolonged contact may cause skin sensitization.</p>

NOTE: Refer to Section 11, Toxicological Information for Details

## 2.3. Other hazards

**Other hazards:** Irritating to skin. Irritating to eyes. Irritating to respiratory system.

**PBT:** This product is not identified as a PBT/vPvB substance.

## Section 3: Composition/information on ingredients

### 3.1. Mixtures

Chemical identity	CAS#	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/OSHA	%
Poly (ethyl methacrylate)	9003-42-3	N/E	Polyethyl-methacrylate	N/E	N/E	Not Listed	65-99
Poly (methyl methacrylate)	9011-14-7	N/E	Polymethyl Methacrylate	N/E	N/E	Group 3/no/no	0-35
Titanium Dioxide	13463-67-7	236-675-5	Titanium dioxide/CI77891	15 mg/m3	10 mg/m3	Group 3/no/no	0-1
Dibenzoyl Peroxide	94-36-0	202-327-6	Benzoyl Peroxide	5 mg/m3	5 mg/m3	3/no/no	0-1
<b>Poly (methyl methacrylate):</b> Hazard Symbol: Xn Risk Phrases: R40 Safety Phrases: S24/25							

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<b>May Contain the following:</b> Please see Section 16 for additional compounds		
N/E – None Established Not Reviewed	N/DA – No data Available N/A – Not Applicable	This product is not considered hazardous by OSHA Hazard N/R – Communication Standard.
<b>Poly (ethyl methacrylate):</b>	Hazard Symbol: N/E	Risk Phrases: N/E Safety Phrases: S24/25

**Contains:** Contains benzoyl peroxide as residual in beads at under 1 % Additional BPO not to exceed 0.4 % surface added to beads See full INCI listing available for individual shades

## Section 4: First aid measures

### 4.1. Description of first aid measures

<b>Eye</b>	Flush with water for 15 minutes, including under eyelids. Get medical help if discomfort persists.
<b>Skin</b>	Wash with soap and water. Get medical help if discomfort persists.
<b>Inhalation</b>	Remove to fresh air. Get medical help if discomfort persists.
<b>Ingestion</b>	Rinse mouth out with water. Call doctor if amount was large.

### 4.2. Most important symptoms and effects, both acute and delayed

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure

### 4.3. Indication of any immediate medical attention and special treatment needed

**Immediate / special treatment:** Eye bathing equipment should be available on the premises

## Section 5: Fire-fighting measures

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used.

Flash Point (°F/°C)	Flammable Limit (vol %)	Auto-ignition Temperature (vol%)
TAG Closed: 580°F/304°C	N/A	N/E

#### Method:

<b>Extinguishing Media</b>	Water, carbon dioxide, dry chemical.
<b>Fire Fighting Instructions</b>	Avoid extinguishing methods that generate dust clouds. Water streams can disperse dust into air, producing a fire hazard and possible explosion hazard. Fire-fighters should wear self-contained breathing apparatus.
<b>Unusual Hazards</b>	Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.

### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** In combustion emits toxic fumes.

### 5.3. Advice for fire-fighters

**Advice for fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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## Section 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**Personal precautions:** Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not create dust.

<b>Clean-up procedures</b>	Sweep up to avoid slipping hazard. Keep airborne particulates at a minimum when cleaning up spills.
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### 6.2. Environmental precautions

**Environmental precautions:** Do not discharge into drains or rivers.

### 6.3. Methods and material for containment and cleaning up

**Clean-up procedures:** Transfer to a closable, labeled salvage container for disposal by an appropriate method.

### 6.4. Reference to other sections

**Reference to other sections:** Refer to section 8 of SDS.

## Section 7: Handling and storage

### 7.1. Precautions for safe handling

**Handling requirements:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of dust in the air.

<b>Handling requirements</b>	Observe precautions found on then label. Wash face and hands thoroughly with soap and water after handling and before eating, drinking or smoking. Avoid prolonged or repeated contact with skin. Avoid contamination. Use only with adequate ventilation.
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### 7.2. Conditions for safe storage, including any incompatibilities

**Storage conditions:** Store in a cool, well-ventilated area. Keep container tightly closed.

**Suitable packaging:** Must only be kept in original packaging.

**Storage quantity limits:** N/A

<b>Storage conditions</b>	Store in cool, dry place away from heat, sparks, flame and direct sunlight. Close container after each use. Ground all metal containers when transferring. Use explosion-proof equipment. Store away from combustibles and incompatible materials.
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### 7.3. Specific end use(s)

<b>Explosion Hazard</b>	Polymer dust is combustible, explosive limits of the polymer particles suspended in air are approximately those of coal dust.
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## Section 8: Exposure controls/personal protection

### 8.1. Control parameters

Hazardous ingredients:

DIBENZOYL PEROXIDE

Workplace exposure limits: Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	5 mg/m3	-	-	-

#### Engineering controls

Use good local exhaust at processing equipment, including buffers, sanders, grinders and polishers. High temperature processing equipment should be well ventilated. Use explosion proof equipment. Provide ventilations if necessary to control exposure levels below airborne exposure limits.

### DNEL/PNEC Values

DNEL / PNEC No data available.

### 8.2. Exposure controls

General	Dust collectors are recommended for handling powder in bulk.
Eye/Face Protection	Use safety glasses and have eye flushing equipment immediately available.
Skin Protection	Minimize contamination by following good industrial practice. Wearing nitrile, neoprene, pvc, latex or other impermeable gloves is recommended.
Respiratory Protection	Avoid breathing dust and mist. Use dust mask.

## Section 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical State	Fine, white powder
Form	NA
Odor	Faint odor in bulk
Boiling point/Freezing Point	NA
Melting point/range	NA
Flash point (°F/°C)	TAG Closed: 580°F/304°C
pH	NA
Evaporation rate	NA
Vapour pressure	N/A
Vapour density	NA
Solubility In Water (20°C)	Insoluble
Specific Gravity	NA
Viscosity	NA
% Volatile	NA
Decomposition Temperature	NA
Ignition	NA

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Octanol/Water Partitioning Coefficient (Log PO/w)	NA
Flammable Limit (vol%)	NA
Auto-ignition Temperature (vol%)	NE

## 9.2. Other information

Other information: No data available.

## Section 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity:** Stable under recommended transport or storage conditions.

### 10.2. Chemical stability

**Chemical stability:** Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

**Hazardous reactions:** Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

### 10.4. Conditions to avoid

**Conditions to avoid:** Heating above 240 °C, 464 °F

Direct sunlight. Moist air.

### 10.5. Incompatible materials

**Materials to avoid:** Strong oxidizing agents. Strong acids.

### 10.6. Hazardous decomposition products

**Haz. decomp. products:** In combustion emits toxic fumes. Methacrylate monomers

### 10.7. Hazardous polymerization

Will not occur

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## Section 11: Toxicological information

### 11.1. Information on toxicological effects

**Hazardous ingredients:**

Acute Oral Toxicity	Acute Dermal Toxicity	Acute Inhalation Toxicity	Irritation-skin	Irritation-Eye
LD50 Oral (Rat): 7990mg/kg	LD50 Dermal (Rabbit): 35,500 mg/kg	LC50 Inhalation (Rat): >12,500 to 16,500 ppm for 0,5 hour	Mild	Mild
Since this product contains a very low concentration of active components, the primary toxicological information is derived from the copolymers. Further hazardous properties cannot be excluded. The product should be handled with care when dealing with chemicals.				
<b>Sensitization</b>		<b>Mutagenicity</b>	<b>Sub-chronic Toxicity</b>	
No information available		No information available	No information available	

RTECS#: 9011-14-7: TR0400000

### Symptoms / routes of exposure

**Skin contact:** There may be irritation and redness at the site of contact.

**Eye contact:** There may be irritation and redness. The eyes may water profusely.

**Ingestion:** There may be soreness and redness of the mouth and throat.

**Inhalation:** There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.

**Delayed / immediate effects:** Immediate effects can be expected after short-term exposure.

## Section 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity values:** No data available.

Acute Toxicity to Fish	Acute Toxicity to Invertebrates	Acute Toxicity To Algae	Bioconcentration	Toxicity to Sewage Bacteria
Flathead minnows and goldfish TL m24: 420 ppm Bluegills TL m24: 368ppm	N/DA	N/DA	N/DA	N/DA

### Chemical Fate Information

<b>Biodegradability</b>	N/DA
<b>Chemical Oxygen Demand</b>	N/DA

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

### 12.2. Persistence and degradability

**Persistence and degradability:** Biodegradable.

### 12.3. Bioaccumulative potential

**Bioaccumulative potential:** No bioaccumulation potential.

### 12.4. Mobility in soil

**Mobility:** Non-volatile.

### 12.5. Results of PBT and vPvB assessment

**PBT identification:** This product is not identified as a PBT/vPvB substance.

### 12.6. Other adverse effects

[cont...]

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**Other adverse effects:** Negligible ecotoxicity.

## Section 13: Disposal considerations

<b>Disposal operations</b>	May be disposed of in a landfill or incinerated. Follow Federal, State and Local regulations for disposal. 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.
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**Disposal operations:** Transfer to a suitable container and arrange for collection by specialized disposal company.

### 13.1. Waste treatment methods

**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## Section 14: Transport information

**Transport class:** This product does not require a classification for transport.

<b>DOT (49 CFR 172)</b>	
Proper Shipping Name	Non-Regulated Material
Identification Number	NA
Marine Pollutant	No
Special Provisions	NA
<b>Emergency Response Guidebook (ERG)#</b>	<b>NA</b>
<b>IATA (DGR)</b>	
Proper Shipping Name	Non-Regulated Material
Class or Division	NA
UN or ID Number	NA
Packaging instructions	
<b>Emergency Response Guidance (ICAO)#</b>	
<b>IMO (IMDG)</b>	
Proper Shipping Name	Non-regulated Material
Class or Division	NA
UN or ID Number	NA
Special Provisions & Stowage/Segregation	None
<b>Emergency Schedule (EmS)#</b>	
<b>Other Information</b>	<b>Flash point &gt; 100°C</b>

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**Section 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

<b>Clean Air Act: HAP/ODS</b>	This product contains the following hazardous air pollutants (HAP's) or ozone depleting substances (ODS's), as defined by the U. S. Clean Air Act: <ul style="list-style-type: none"> <li>• NONE</li> </ul>
<b>Clean Water Act: Priority Pollutant</b>	This product contains the following chemicals listed under the U.S. Clean Water Act Priority Pollutant List: <ul style="list-style-type: none"> <li>• NONE</li> </ul>
<b>FDA: Food Packaging Status</b>	This product has not been cleared by the FDA for use in food packaging and/ or other applications as an indirect food additive.
<b>Occupational Safety and Health Act</b>	This product is not considered a hazardous chemical under the OSHA Hazard Communication Standard.
<b>RCRA</b>	This product contains no chemicals considered to be hazardous waste under RCRA ( 40 CFR 261).
<b>SARA Title III: Section 302 (TPQ)</b>	This product contains no chemicals regulated under Sec. 302 as extremely hazardous substances.
<b>SARA Title III: Section 302 (RQ)</b>	This product contains no chemicals regulated under Sec. 304 as extremely hazardous chemicals for emergency release notification ( "CERCLA " List).
<b>SARA Title III: Section 311-312</b>	This product does not contain hazardous substances under the OSHA Hazard Communication Standard, and is not regulated under Section 311-312 (40 CFR 370).
<b>SARA Title III: Section 313</b>	This product contains the following chemicals outlined in SARA Title III: Section 313: <ul style="list-style-type: none"> <li>• Benzoyl Peroxide CAS #94-36-0.</li> </ul>
<b>TSCA Section 8(b): Inventory</b>	This product contains chemicals listed on the TSCA inventory or otherwise complies with TSCA premanufacture notification requirements.
<b>TSCA Significant New Use Rule</b>	None of the chemicals listed have a SNUR under TSCA.

**15.2. Chemical Safety Assessment**

<b>CA Right-to-Know Law California No Significant Risk Rule</b>	Benzoyl Peroxide CAS #94-36-0 NONE
<b>MA Right-to-know Law</b>	Titanium Dioxide CAS 13463-67-7, Benzoyl Peroxide CAS #94-36-0
<b>NJ Right-to-know Law</b>	Titanium Dioxide CAS 13463-67-7, Benzoyl Peroxide CAS #94-36-0
<b>PA Right-to-know Law</b>	Titanium Dioxide CAS 13463-67-7, Benzoyl Peroxide CAS #94-36-0
<b>FL Right-to-know Law</b>	Benzoyl Peroxide CAS #94-36-0
<b>MN Right-to-know Law</b>	Titanium Dioxide CAS 13463-67-7, Benzoyl Peroxide CAS #94-36-0

**15.3. International Regulations**

<b>CDSL: Canadian Inventory (on Canadian Transitional List)</b>	Polymethyl methacrylate CAS# 9011-14-7 is on the DSL List. WHMIS = n/da Polyethylmethacrylate CAS# 9003-42-3 is on the DSL List. WHMIS = n/da Titanium Dioxide CAS#13463-67-7, WHMIS = Not controlled Benzoyl Peroxide CAS #94-36-0 is on the DSL List. WHMIS = C, D2B, B4 Acrylates Copolymer CAS # 25035-69-2 is on the DSL list. WHMIS = n/da
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**15.4. Labelling according to EC Directives- 1999/45/EC**

<b>European Community</b>  	<b>Colored Polymers</b> <ul style="list-style-type: none"> <li>HAZARD SYMBOLS: <b>Xi</b>: Irritant</li> <li>RISK PHRASES: <b>R36/37/38</b>: Irritating to eyes, respiratory system and skin.</li> <li>SAFETY PHRASES: <b>S18</b>: Handle and open container with care, <b>S22</b>: do not breath dust, <b>S24/25</b>: avoid contact with skin and eyes, <b>S38</b>: in case of insufficient ventilation, wear suitable respiratory equipment.</li> </ul>
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**Section 16: Other information**

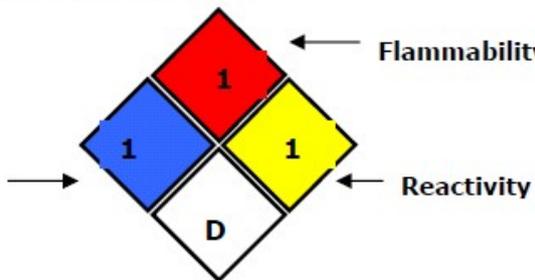
**16.1. EU Classes and Risk / Safety phrases for Referenced Ingredients (See Section 2)**

<b>Hazard Symbol</b>	Xn – Harmful substances or preparations.
<b>Risk Phrase</b>	R40 Limited evidence of a carcinogenic effect.
<b>Safety Phrase</b>	S24/25 Avoid contact with skin and eyes: S36/37 Wear suitable protective clothing and gloves.

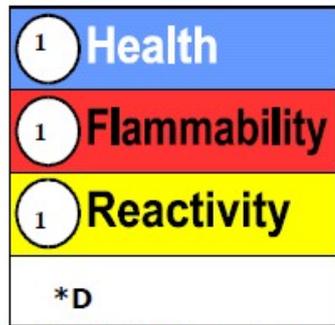
**16.2. Hazard Rating system (pictograms)**

**Hazard Rating System (Pictograms)**

**NFPA:**



**HMIS:**



\* - Respiratory protection may be necessary depending on conditions of use. Refer to Section VIII of this MSDS for respiratory protection guidelines.

**16.2. May contain the following chemicals**

Chemical identity	CAS#	EINECS#	INCI Name	Exposure OSHA TWA/STEL	Limits ACGIH TWA/STEL	Carcinogen IARC/NTP/ OSHA	%
Acrylates Copolymer	25035-69-2	N/E	Acrylates Copolymer	N/E	N/E	Not Listed	0-1
Carbon Black	1333-86-4	215-609-9	Carbon Black/C177266	3,5 mg/m3	0,1 mg PAH's/m3 Carbon black in presence of polycyclic aromatic hydrocarbons (PAHs)	Group 2B/A-4/ Possible Select Carcinogen	0-1

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Fd&c Bleu #1	3844-45-9	N/E	Bleu I/C142090	N/E	N/E	Not Listed	0-1
FD&C Yellow #5 Al Lake	235-428-9	12225-21-7	Yellow 5 C119140	N/E	N/E	Not Listed	0-1
D&C Red #7	5281-04-9	226-109-5	Red 7/C115850	N/E	N/E	Not Listed	0-1
D&C Red #30	2379-74-0	219-163-6	Red 30/C173360	N/E	N/E	Not Listed	0-1
D&C Orange #5	596-03-2	209-876-0	Orange 5/C145370	N/E	N/E	Not Listed	0-1
D&C Violet #2	81-48-1	201-353-5	Violet 2C160725	N/E	N/E	Not Listed	0-1
Iron Oxide Black	1317-61-9	215-277-5	Iron Oxide/C177499	N/E*	N/E*	Not Listed	0-1
Polyethylene terephthalate	25038-59-9	N/E	Polyethylene terephthalate	N/DA	N/DA	N/DA	0-1
Red Iron Oxide	1382-37-2	215-570-8	Iron Oxide/C177491	N/E*	N/E*	Not Listed	0-1
Yellow Iron Oxide	51274-00-1	N/E	Iron Oxide/C177492	N/E	N/E	Not Listed	0-1
Mica	12001-26-2	N/E	Mica	N/E	3 mg/m3	Not Listed	0-1

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

OSHA PEL for nuisance dust: 15 mg/m3 (total dust) 5 mg/m3 (respirable dust)  
 ACGIH PEL for nuisance dust: 10 mg/m3

**Other information:**

This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

This safety data sheet is prepared in accordance with Commission Regulation (EC) No 1272/2008.

**Legal disclaimer:**

The information presented herein was obtained from sources considered to be reliable. However, this information is provided without any warranty, expressed or implied, regarding its correctness or suitability for consumers intended use and/or application. For this and other reasons, we assume no responsibility and expressly disclaim liability for loss, damage or expense arising out of any way connected with the handling, storage, use or disposal of the product. This SDS was prepared expressly for this product. Use the materials only as directed. If the product is used as a component of another product, the information contained within the SDS may not be applicable. If one could have any concerns with or problems understanding this SDS form, please direct all questions to INFOTRAC, Chemical Emergency Resources System at 1(800) 535-5053.

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