

**Nano-Resin**  
PRODUCT CODE: p30d01  
SAFETY DATA SHEET

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This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System.  
THIS SDS COMPLIES WITH 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD)  
IMPORTANT: Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, & users of this product.

**SECTION 1. IDENTIFICATION OF THE SUBSTANCE OR MIXTURE AND OF THE SUPPLIER**

PRODUCT IDENTITY:	Nano-Resin
NEW SDS DATE:	08/12/2014
COMPANY IDENTITY:	Dr. Beasley's, Inc.
COMPANY ADDRESS:	1439 W. Shakespeare Ave.
COMPANY CITY:	Chicago, IL 60614
COMPANY PHONE:	1-773-404-1600
EMERGENCY PHONES:	1-773- 710-2100

**SECTION 2. HAZARDS IDENTIFICATION**

**HAZARD STATEMENTS:**

May irritate skin and eyes

**PICTOGRAM:** NONE

**PRECAUTIONARY STATEMENTS:**

Avoid contact with skin and eyes.

SEE SECTION 11 FOR OTHER TOXICOLOGICAL INFORMATION (ACUTE & CHRONIC HAZARDS)

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<u>MATERIAL</u>	<u>CAS#</u>	<u>EINECS#</u>	<u>WT%</u>	<u>TWA (OSHA)</u>	<u>TLV (ACGIH)</u>
Nonhazardous components	-	-	100	None Known	None Known

This product contains no EPA Hazardous Air Pollutants (HAP) in amounts > 0.1%.

**SECTION 4. FIRST AID MEASURES**

**EYE CONTACT:**

For eyes, flush with plenty of water for 15 minutes, if irritation persists seek medical attention.

**SKIN CONTACT:**

In case of contact with skin immediately remove contaminated clothing.

Wash thoroughly with soap & water. Wash contaminated clothing before reuse.

**INHALATION:**

After high vapor exposure, remove to fresh air.

If breathing is difficult, seek medical attention immediately!

**SWALLOWING:**

Rinse mouth. Give plenty of water to drink. Do NOT induce vomiting.

GET MEDICAL ATTENTION IMMEDIATELY. Do NOT give liquids to an unconscious or convulsing person.

## SECTION 5. FIRE FIGHTING MEASURES

### FIRE & EXPLOSION PREVENTIVE MEASURES:

Non flammable

### EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding fire.

### SPECIAL FIRE FIGHTING PROCEDURES:

Water spray may be ineffective on fire but can protect fire-fighters & cool closed containers. Use fog nozzles if water is used.

Do not enter confined fire-space without full bunker gear.

(Helmet with face shield, bunker coats, gloves & rubber boots).

Use NIOSH approved positive-pressure self-contained breathing apparatus.

### UNUSUAL EXPLOSION AND FIRE PROCEDURES:

#### NON FLAMMABLE.

Closed containers may explode if exposed to extreme heat.

Applying to hot surfaces requires special precautions.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### PERSONAL PROTECTIVE MEASURES:

Keep unprotected personnel away.

Wear appropriate personal protective equipment given in Section 8

### ENVIRONMENTAL PRECAUTIONS:

Do NOT let this chemical enter the environment.

Keep from entering storm sewers and ditches which lead to waterways.

### CONTAINMENT AND CLEAN-UP MEASURES:

Stop spill at source. Dike and contain.

Collect leaking liquid in sealable containers.

Absorb remaining liquid in sand or inert absorbent.

## SECTION 7. HANDLING AND STORAGE

### HANDLING

Do not get in eyes, on skin or clothing.

Wear tightly fitting goggles or face shield. Wear nitrile or neoprene gloves.

Wash clothing before reuse.

### STORAGE

Keep from freezing.

Keep container tightly closed & upright when not in use to prevent leakage.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### RESPIRATORY EXPOSURE CONTROLS:

NO RESPIRATOR NEEDED WHEN USED AS DIRECTED.

A respiratory protection program that meets OSHA 29 CFR 1910.134 and ANSI Z86.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant a respirator's use.

### VENTILATION

LOCAL VENTILATION: Recommended

GENERAL VENTILATION: Recommended

### PERSONAL PROTECTIONS:

Wear tightly fitting splash goggles or face shield. Wear nitrile or neoprene gloves. Wash clothing before reuse.

### WORK & HYGIENIC PRACTICES:

Provide readily accessible eye wash stations & safety showers.

Wash at end of each work shift & before eating, drinking, smoking or using the toilet.  
Promptly remove clothing that becomes contaminated. Destroy contaminated leather articles. Launder or discard contaminated clothing.

## SECTION 9. PHYSICAL & CHEMICAL PROPERTIES

APPEARANCE:	Liquid, Clear
ODOR:	Mild
ODOR THRESHOLD:	Not Available
pH (Neutrality):	8.73
MELTING POINT/FREEZING POINT:	Not Available
BOILING RANGE (IBP, Dry Point):	80 172* C / 177 342* F (*=End Point)
FLASH POINT (TEST METHOD):	Not applicable
EVAPORATION RATE (n-BUTYL ACETATE=1):	Not Applicable
FLAMMABILITY CLASSIFICATION:	None
LOWER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
UPPER FLAMMABLE LIMIT IN AIR (% by vol):	Not Available
VAPOR PRESSURE (mm of Hg)@20 C	18.1
VAPOR DENSITY (air=1):	0.69
GRAVITY @ 68/68 F / 20/20 C:	
SPECIFIC GRAVITY (Water=1):	0.825
POUNDS/GALLON:	6.88
WATER SOLUBILITY:	Complete
PARTITION COEFFICIENT (n-Octane/Water):	Not Available
AUTO IGNITION TEMPERATURE:	398 C / 750 F
DECOMPOSITION TEMPERATURE:	Not Available
REFRACTIVE INDEX:	1.336
VOC'S (>0.44 Lbs/Sq In):	0.0 Vol% /0.0 g/L / 0.000 Lbs/Gal
TOTAL VOC'S (TVOC):	0.0 Vol% /0.0 g/L / 0.000 Lbs/Gal
NONEXEMPT VOC'S (CVOC):	0.0 Vol% /0.0 g/L / 0.000 Lbs/Gal
HAZARDOUS AIR POLLUTANTS (HAPS):	0.0 Wt% /0.0 g/L / 0.000 Lbs/Gal
NONEXEMPT VOC PARTIAL PRESSURE (mm of Hg @ 20 C)	0.0

## SECTION 10. STABILITY & REACTIVITY

### STABILITY

Stable under normal conditions.

### CONDITIONS TO AVOID

Keep from freezing.

### MATERIALS TO AVOID

Reacts with oxidants.

### HAZARDOUS DECOMPOSITION PRODUCTS

None known

### HAZARDOUS POLYMERIZATION

Will not occur.

## SECTION 11. TOXICOLOGICAL INFORMATION

### *ACUTE HAZARDS*

#### **EYE & SKIN CONTACT:**

Primary irritation to skin, dermatitis.  
This product may cause allergic skin reaction.  
Absorption thru skin increases exposure.  
Primary irritation to eyes, redness, tearing, blurred vision.  
Liquid can cause eye irritation. Wash thoroughly after handling.

#### **INHALATION:**

Anesthetic. Irritates respiratory tract.  
Acute overexposure can cause harm to kidneys, blood, nerves, liver, lungs.

#### **SWALLOWING:**

Swallowing can cause abdominal irritation, nausea, vomiting.

### *SUBCHRONIC HAZARDS/CONDITIONS AGGRAVATED*

#### **CONDITIONS AGGRAVATED**

Chronic overexposure may cause harm to kidneys, blood, nerves, liver, lungs.  
Persons with severe skin, liver or kidney problems should avoid use.

### *CHRONIC HAZARDS*

#### **CANCER, REPRODUCTIVE & OTHER CHRONIC HAZARDS:**

This product has no carcinogens listed by IARC, NTP, NIOSH, OSHA or ACGIH, as of this date, greater or equal to 0.1%.  
Absorption thru skin may be harmful.

### **MAMMALIAN TOXICITY INFORMATION**

No mammalian information is available on this product.

## SECTION 12. ECOLOGICAL INFORMATION

#### **AQUATIC ANIMAL INFORMATION:**

The most sensitive known aquatic group to any component of this product is: Daphnia Pulex 2.4 ppm or mg/L (48 hour exposure).  
Keep out of sewers and natural water supplies.  
The substance is very toxic to aquatic organisms.

#### **MOBILITY IN SOIL**

This material is a mobile liquid.

#### **DEGRADABILITY**

This product is completely biodegradable.

#### **ACCUMULATION**

Bioaccumulation of this product has not been determined.

## SECTION 13. DISPOSAL CONSIDERATIONS

Processing, use or contamination may change the waste management options.  
Recycle / dispose of observing national, regional, state, provincial and local health, safety & pollution laws. If in doubt, contact appropriate agencies.

## SECTION 14. TRANSPORT INFORMATION

DOT SHIPPING NAME: non hazardous

DRUM LABEL: non hazardous

IATA / ICAO: non hazardous

IMO / IMDG: non hazardous

EMERGENCY RESPONSE GUIDEBOOK NUMBER: none

## SECTION 15. REGULATORY INFORMATION

### EPA REGULATION:

**SARA SECTION 311/312 HAZARDS:** Acute Health, Chronic Health, Fire

All components of this product are on the TSCA list.

**SARA Title III Section 313 Supplier Notification**

This product contains the indicated <\*> toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning & Community Right-To-Know Act of 1986 & of 40 CFR 372. This information must be included in all SDSs that are copied and distributed for this material.

### STATE REGULATIONS:

**THIS PRODUCT MEETS REQUIREMENTS OF SOUTHERN CALIFORNIA AQMD RULE 443.1 & SIMILAR REGULATIONS**

**CALIFORNIA PROPOSITION 65:** This product contains no chemicals known to the State of California to cause cancer & reproductive toxicity.

### INTERNATIONAL REGULATIONS

The components of this product are listed on the chemical inventories of the following countries:

Australia, Canada, China, Europe (EINECS), Japan, Korea, United Kingdom.

**CANADA: WORKPLACE HAZARDOUS MATERIALS INFORMATION SYSTEM (WHMIS)**

D2B: Irritating to skin / eyes.

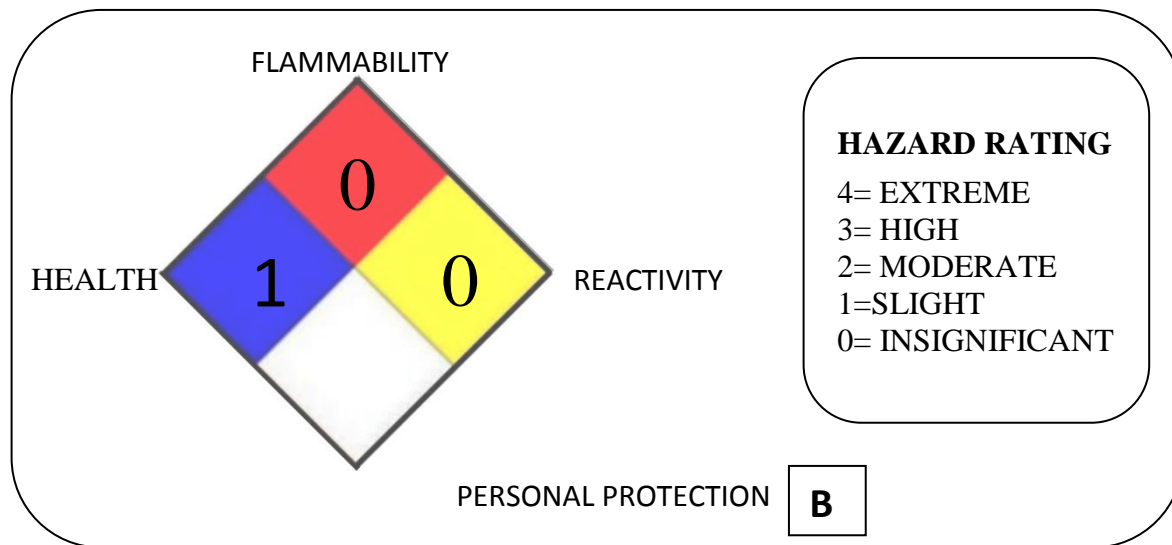
## SECTION 16. OTHER INFORMATION

### HAZARD RATINGS:

HEALTH (NFPA): 2, HEALTH (HMIS): 1, FLAMMABILITY: 2, REACTIVITY: 0  
(Personal Protection Rating to be supplied by user based on use conditions.)

This information is intended solely for the use of individuals trained in the NFPA & HMIS hazard rating systems.

### *Hazardous Materials Identification System (HMIS)*



### EMPLOYEE TRAINING

See Section 2 for Risk & Safety Statements. Employees should be made aware of all hazards of this material (as stated in this SDS) before handling it.

## **SECTION 16. OTHER INFORMATION (CONTINUED)**

### **NOTICE**

The supplier disclaims all expressed or implied warranties of merchantability or fitness for a specific use, with respect to the product or the information provided herein, except for conformation to contracted specifications. All information appearing herein is based upon data obtained from manufacturers and/or recognized technical sources. While the information is believed to be accurate, we make no representations as to its accuracy or sufficiency. Conditions of use are beyond our control, and therefore users are responsible for verifying the data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their handling, and disposal of the product. Users also assume all risks in regards to the publication or use of, or reliance upon information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or process.