

**Section 1: Identification****1.1 Product identifier**

Product Name: Type II, Plastic Grit (Urea)

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

Cleaning, deburring, paint-removing

**1.3 Details of the supplier of the product information**

Supplier: Guyson Corporation of U.S.A.  
13 Grande Blvd.  
Saratoga Springs, NY 12866  
[www.guyson.com](http://www.guyson.com)  
[info@guyson.com](mailto:info@guyson.com)

**1.4 Telephone number: 518-587-7894**

**Section 2: Hazard Identification****2.1 Classification of the substance or mixture**

The unused product does not contain any components in concentrations, which require a classification as a hazardous substance according to regulation (EC) No 548/1967

During mechanical application (e.g. in blasting machines), dust may occur. The unusual precautions should be taken. The statutory limit values for dust in your country have to be observed.

**Section 3: Composition / Information on Ingredients****3.1 Chemical characterization/identification number**

Main Ingredients	Hazard Symbols	Percent by Weight	R-Phrases	CAS	EINECS
Hardened Urea resin		>99			

The ingredients mentioned above are not free available. All ingredients are bonded firmly in the molecular matrix.

**Section 4: First-Aid Measures****4.1 Description of first aid measures**

- **In case of inhalation:** Ensure sufficient fresh air. If symptoms develop, obtain medical attention.
- **In case of skin contact:** No measures necessary.
- **In case of eye contact:** Rinse out with plenty of water for at least 10 minutes with eyelids wide open. Consult an Ophthalmologist.
- **In case of ingestion:** Do not ingest, but small amount is not harmful.

**Section 5: Fire-Fighting Measures**

**5.1** The product is flammable, but self-extinguishing.

Suitable extinguishing media: foam, powder, CO<sub>2</sub>, H<sub>2</sub>O

In case of fire, hazardous combustion-products may be generated.

**Section 6: Accidental Release Measures**

**6.1** For the unused product, no special measures are necessary.

Spilled material should be collected and placed in refuse container.

**Section 7: Handling and Storage****7.1 Handling**

Non-hazardous, no special handling requirements.

**7.2 Storage**

Store preferably in a dry environment.

**Section 8: Exposure Controls / Personal Protection****8.1 Control parameters:**

Specific control parameters are only defined for the elements in the article/ compound, whereas no such limits have been established for the article/compound as such in the EC.

Dust and vapor have to be maintained below the statutory limits in your country by providing adequate dust collection.

**8.2 Exposure Controls****• Personal protective equipment:**

Hand protection:	Not necessary, or use skin protecting gloves.
Eye protection:	Wear safety glasses
Feet protection:	Safety shoes are recommended.
Protective clothing:	Normal working clothes are sufficient.
Respiratory protection:	Disposable dust mask is recommended, type FFP2.

Avoid contact with skin, eyes, mouth, and nose.

**Pictograms:**

**Section 9: Physical and Chemical Properties****9.1 Information on basic physical and chemical properties**

Form:	Solid, granular
Color:	Colorful-White with color
Odor:	Typical odor of plastic
pH value:	4-8 (250 g/l)
Melting point:	None
Boiling point:	None
Flash point:	No data available
Ignition temp:	530 °C
Lower explosion limit :	200 g/m
Upper explosion limit:	No data available
Vapor pressure:	No data available
Evaporation number:	No data available
Density:	1.47-1.50 g/cm <sup>3</sup>
Bulk Density:	0.77 g/cm <sup>3</sup> (depends on the
Hardness:	Mohs 3.5
Dynamic viscosity:	No data available
Solubility in water:	None

**Section 10: Stability and Reactivity**

<b>10.1 Stability:</b>	Stable
<b>Thermal decomposition:</b>	>450°C
<b>Conditions to be avoided:</b>	High temperature
<b>Hazardous reactions:</b>	No data available
<b>Decomposition products:</b>	No data available

**Section 11: Toxicological Information****11.1 Information on toxicological effects**

There are no quantitative data for the product. It can be assumed, that there are no toxicological effects with the appropriate handling and use of the product.

<b>Irritation to the skin:</b>	None
<b>Irritation to the eyes:</b>	None
<b>Sensitivity:</b>	None

**Section 12: Ecological Information**

**12.1** The product is not soluble in water, no precautions required.

**Section 13: Disposal Considerations****13.1 Disposal information**

The information below applies to product as it is and not with regard to material that may be mixed with other products or materials. Other disposal methods may be necessary with other unknown materials.

Dispose of in accordance with applicable local/municipal, state/ provincial and federal regulations.

**Section 14: Transport Information**

ADR /RID	Not dangerous goods, non-hazardous
ADN	Not dangerous goods, non-hazardous
IATA	Not dangerous goods, non-hazardous
IMDG	Not dangerous goods, non-hazardous
Special precautions for user:	Not dangerous cargo

**Section 15: Regulatory Information**

15.1 Labeling according to EC directives:	None
Hazardous symbols:	None
R-phrases:	None
S-phrases:	None

**Section 16: Other information**

The indications made in this Safety Data Sheet are based on the present state of our know- how and experience. The Safety Data Sheet describes the unused product in view of safety requirements. The indications do not constitute any guarantee with regard to product and do not create a contractual legal relationship.

All information given above refers to the unused product. The chemical and physical properties of the waste, strongly depend on the conditions of use. All indications made in this Safety Data Sheet concerning composition, dangers, first aid, fire-fighting measures, accidental release measures, handling and storage, exposure control and personal protection, physical and chemical properties, stability and reactivity, toxicological information, ecological information, disposal information, transport information and regulatory information are only valid for the unused product and not for abrasive waste.

It is the responsibility of the user to find out all the necessary information.