

## MATERIAL SAFETY DATA SHEET (MSDS) FOR T-2 PLASTIC MEDIA: UREA

### ARTICLE 1 : PRODUCTION IDENTIFICATION AND USE

PRODUCT NAMES : .....**T-2 Urea**

CHEMICAL NAME AND SYNONYMS : .....Urea Formaldehyde Plastic

CHEMICAL FAMILY:..... N/A

FORMULA:.....N/A

USES: .....Plastic Blast Media

MANUFACTURER/SUPPLIER'S NAME :

**IST - International Surface Technologies**

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### ARTICLE 2 : HAZARDOUS INGREDIENTS

Chemical Name	CAS Number	Hazard Data
Urea Formaldehyde Plastic	N/A	N/A

### ARTICLE 3 : PHYSICAL DATA

Melting Point	N/A	Vapor Pressure	N/A
Evaporation Rate	N/A	Vapor Density	N/A
Boiling Point	N/A	Specific Gravity	1.5
Solubility in Water	Insoluble	pH	N/A
Appearance and Odor	 <p>Dry Granular Solid (-10 Mesh +100 Mesh)</p>		

**ARTICLE 4 : FIRE AND EXPLOSION DATA**

<b>FLASH POINT</b>	ASTM D-1929: Est. Flash Approx. 530C
<b>EXPLOSIVE LIMITS</b>	N/A
<b>FIRE EXTINGUISHING METHOD</b>	Foam, Carbon Dioxide, Water And Dry Chemical
<b>FIRE EXTINGUISHING EQUIPMENT</b>	Full Protective Gear

**ARTICLE 5 : HEALTH HAZARD DATA**

<b>HAZARD BY ROUTES OF ENTRY</b>	Inhalation – Avoid Inhalation. 0.
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<b>EMERGENCY AND FIRST AID PROCEDURE</b>	
<b>EYE CONTACT</b>	Irritation Of Eyes, Nose.
<b>SKIN CONTACT</b>	Throat & Dermatitis On Skin
<b>INHALATION</b>	Remove To Fresh Air. Skin – Wash With Soap & Water Until Particles Are Removed.
<b>INGESTION</b>	Not known
<b>FIRST AID</b>	<b>Eyes:</b> Flush With Water Until Particles Are Removed. Internal – Call Physician. <b>Inhalation:</b> Remove To Fresh Air. Skin – Wash With Soap & Water Until Particles Are Removed.
<b>CONDITIONS FOR SAFE USE</b>	Always Wear NIOSH/OSHA Approved Respirator When Handling This Product. Eye Goggles Are Recommended; Wear Appropriate Protective Clothing If Sensitivity To Mechanical Irritation Causes Discomfort.

**ARTICLE 6 : REACTIVE DATA**

<b>STABILITY</b>	Stable
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	N/A
<b>HAZARDOUS POLYMERIZATION</b>	Will Not Occur

**ARTICLE 7 : SPILL OR LEAK PROCEDURE**

<b>PROCEDURES</b>	Vacuum–Clean To Pick Up Dust. If Sweeping Is Required, Avoid Generating Excessive Dust. Use Dust Suppressor If Necessary.
<b>WASTE DISPOSAL</b>	Material Is Biodegradable – Use Normal Landfill In Accordance With Federal, State & Local Regulations.

**ARTICLE 8 : SPECIAL PRECAUTIONS**

<b>RESPIRATORY PROTECTION</b>	Do Not Breathe Dust. Full Face NIOSH/OSHA Approved Respirator During Application. Dust/Mist Respirator Should Be Worn When Transferring Material To & From Containers.
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**ARTICLE 9 : TRANSPORTATION & HANDLING**

<b>TRANSPORTATION</b>	Not Regulated
<b>STORAGE</b>	Store Indoors, Material Has An Unlimited Shelf Life If Kept Dry.
<b>HANDLING</b>	Follow Normal Warehousing Procedures When Handling This Product, Prevent Spillage.

**ARTICLE 10 : EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>EXPOSURE LIMIT INFORMATION</b>	No. 1 Poly (Methyl Methacrylate) Component No. 1 OSHA – TWA (None) STEL (None) ACGIH TWA (None) STEL (None)
<b>RESPIRATORY PROTECTION</b>	A Respiratory Protection Program Meeting OSHA 1910.134 And ANSI 288.2 Requirement Must Be Followed Whenever Workplace Conditions Warrant A Respirator. None Required If Airborne Concentrations Are Maintained Below The Exposure Limit Listed In (Exposure Limit Information) Up To 10 Times The TWA/TLV: Wear A MSHA/NIOSH Approved Or Equivalent, Half Mask Air-Purifying Respirator. Up To 1,000-PPM Organic Vapor: Wear A MSHA/NIOSH Approved Or Equivalent Self-Contained Breathing Apparatus In The Positive Pressure Mode, Or MSHA/NIOSH Approved Or Equivalent Full-Facepiece Airline Respirator In The Positive Pressure Mode With Emergency Escape Provisions.
<b>EYE PROTECTION</b>	Wear Safety Glasses (ANSI Z87.1) Or Approved Equivalent..
<b>HAND PROTECTION</b>	Cotton, Canvas Or Leather Gloves.
<b>ENGINEERING CONTROLS (VENTILATION)</b>	Use Local Exhaust Ventilation With A Minimum Capture Velocity Of 100- Ft/Min (0.5M/Sec) At The Point Of Vapor Evolution. Refer To The Current Of Government Industrial Hygienist For Information On The Design, Installation, Use And Maintenance Of Exhaust Systems.

<b>LAST REVISION</b>	1 / 10 / 2018 - Rev. 1
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