

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

346, Allée du Golf, St-Eustache (Québec) J7R 0M8 Canada
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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	Dry Granular Solid (-10 Mesh +100 Mesh)		
			

ARTICLE 4 : FIRE AND EXPLOSION DATA

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

ARTICLE 5 : HEALTH HAZARD DATA

HAZARD BY ROUTES OF ENTRY	Inhalation – Avoid Inhalation. 0.
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EMERGENCY AND FIRST AID PROCEDURE	
EYE CONTACT	Irritation Of Eyes, Nose.
SKIN CONTACT	Throat & Dermatitis On Skin
INHALATION	Remove To Fresh Air. Skin – Wash With Soap & Water Until Particles Are Removed.
INGESTION	Not known
FIRST AID	Eyes: Flush With Water Until Particles Are Removed. Internal – Call Physician. Inhalation: Remove To Fresh Air. Skin – Wash With Soap & Water Until Particles Are Removed.
CONDITIONS FOR SAFE USE	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

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

ARTICLE 7 : SPILL OR LEAK PROCEDURE

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

ARTICLE 8 : SPECIAL PRECAUTIONS

RESPIRATORY PROTECTION	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

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

ARTICLE 10 : EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT INFORMATION	No. 1 Poly (Methyl Methacrylate) Component No. 1 OSHA – TWA (None) STEL (None) ACGIH TWA (None) STEL (None)
RESPIRATORY PROTECTION	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.
EYE PROTECTION	Wear Safety Glasses (ANSI Z87.1) Or Approved Equivalent..
HAND PROTECTION	Cotton, Canvas Or Leather Gloves.
ENGINEERING CONTROLS (VENTILATION)	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.

LAST REVISION	1 / 10 / 2018 - Rev. 1
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