

1. PRODUCT & COMPANY IDENTIFICATION

SUPPLIER DETAILS:

Sprayroq
2870 Crestwood Blvd
Irondale, AL 35210
(205)957-0020
Sprayroq.com

EMERGENCY:

CHEMTREC 800.424.9300

2. HAZARD(S) IDENTIFICATION

GHS:

CLASSIFICATION IN ACCORDANCE WITH 29 CFR 1910 (OSHA HCS):

No GHS classifications indicated

LABEL ELEMENTS

SIGNAL WORD NONE

PICTOGRAM NONE

HAZARD STATEMENTS

No GHS hazard statements indicated

PRECAUTIONARY STATEMENTS

P280 Wear protective gloves/protective clothing/eye protection/face protection

P314 Get Medical advice/attention if you feel unwell

HAZARDS NOT OTHERWISE CLASSIFIED (HNOC) OR NOT COVERED BY GHS

ROUTE OF ENTRY:

Eyes; Ingestion; Inhalation; Skin;

TARGET ORGANS:

Eyes; Skin; Respiratory system;

INHALATION:

Heating, spraying, foaming or otherwise mechanically dispersing operations may generate vapor or aerosol concentrations sufficient to cause irritation or other adverse effects. Minimal respiratory tract irritation may occur with exposure to a large amount of material.

SKIN CONTACT:

Prolonged or repeated exposure can cause skin irritation or dermatitis in some individuals.

**EYE CONTACT:**

May cause watering of the eye and irritation of the conjunctiva.

INGESTION:

May cause nausea or vomiting.

3. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS:

CAS#	%	CHEMICAL NAME
0	90-95%	Non hazardous ingredients
68479-98-1	5-10%	Benzenediamine, ar,ar-diethyl-ar-methyl

4. FIRST AID MEASURES

INHALATION:

If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention.

SKIN CONTACT:

Remove all contaminated clothing and shoes. Wash skin with large quantities of water and soap. Wash clothing before wearing again and clean shoes. If redness, itching or a burning sensation develops or persists after the area is washed, consult a physician.

EYE CONTACT:

Flush eyes with plenty of water for at least 15 minutes. Use fingers to assure that the eyelids are separated and that the eye is being irrigated. Consult a physician.

INGESTION:

Bring to the attention of a physician. Never give anything by mouth to an unconscious person.

5. FIRE FIGHTING MEASURES

FLAMMABILITY:	OSHA - none; DOT - none
FLASH POINT:	>200°F
FLASH POINT METHOD:	COC
AUTOIGNITION TEMP:	NDA



Use dry chemical, foam, carbon dioxide, or halogenated agents. If water is used, use very large quantities. The reaction between water and hot isocyanate may be vigorous. If possible, contain fire run-off water.

PROTECTIVE EQUIPMENT:

Wear positive-pressure self-contained breathing apparatus with full face mask and full protective clothing.

UNUSUAL HAZARDS:

At temperatures greater than 400°F, polymeric MDI can polymerize and decompose which will cause pressure build-up in closed containers. Explosive rupture is possible. Water contamination will produce carbon dioxide. Do not reseal contaminated containers as pressure buildup may rupture the containers. Downwind personnel must be evacuated.

FIRE DEGRADATION PRODUCTS:

Isocyanate vapor and mist, carbon dioxide, carbon monoxide, nitrogen oxides and traces of hydrogen cyanide.

6. ACCIDENTAL RELEASE MEASURES

SPILL:

Remove all sources of flames, heating elements, gas engines, etc. Emergency clean-up personnel should wear chemical goggles, rubber or plastic gloves and clothing as required to protect against contact. Prevent spreading and contamination of surface waters and drinking supplies. Notify local health officials and other appropriate agencies if such contamination should occur. DO NOT ALLOW MATERIAL TO ENTER WATER SOURCES OR WATER SYSTEMS.

CLEAN UP:

With adequate ventilation and appropriate personal protective equipment, cover the area with an inert absorbent material such as clay or vermiculite and transfer to steel waste containers. The spill area should then be washed down with soap and water to dilute and remove remaining traces of material. Ventilate area to remove the remaining vapors.

7. HANDLING & STORAGE

HANDLING PRECAUTIONS:

Avoid skin and eye contact. Use personal protective equipment when transferring material to or from drums, totes or other containers. If contamination with isocyanates is suspected, do not reseal containers. Do not smoke or use naked lights, open flames, space heaters, or other ignition sources near pouring, frothing or spraying operations.

SPECIAL EMPHASIS FOR SPRAY APPLICATIONS OF MIXED PRODUCTS CONTAINING ISOCYANATES:

Inspect the application area for the potential to expose other persons or for overspray to drift onto buildings, vehicles or other property. When spraying building exteriors, persons entering or exiting the building as well as those inside could be exposed to polyisocyanates due to wind conditions, open windows or air intakes. Do not begin application work until these potential problems have been corrected.

**STORAGE REQUIREMENTS:**

When stored between 15 and 30°C (60 and 85°F) in a dry area in sealed containers, typical shelf life is 6 months or more from the date of manufacture. Consult technical data sheet for shelf life requirements affecting performance quality. Opened containers must be handled properly to prevent moisture pickup.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

ENGINEERING CONTROLS:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Uses requiring heating and/or spraying may require more aggressive engineering controls or PPE. An eyewash station and safety shower or other drenching facilities are recommended in the work area.

PERSONAL PROTECTIVE EQUIPMENT:

None available.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance	Pigmented liquid
Physical State	Liquid
Odor Threshold	No data available
Spec Grav./Density	N/A
Viscosity	No data available
Boiling Point	Not established
Flammability	None
Partition Coefficient	No data available
Vapor Pressure	<0.04 mmHg @ 20°C
pH	No data available
Evap. Rate	<1
Decomp Temp	No data available

Odor	Mild
Solubility	Slightly soluble in water
Percent Volatile	<1% by weight or by volume
Freezing/Melting Pt.	No data available
Flash Point	>200°F
Vapor Density	>1
Ignition Temp	NDA
UFL/LFL	No data available

10. STABILITY & REACTIVITY

CHEMICAL STABILITY:

This is a stable material under normal conditions. Avoid high temperatures, sparks, flame and extended exposure over 110°F (45°C).

CONDITIONS TO AVOID:

High temperatures, sparks, flame and extended exposure over 110°F (45°C).

MATERIALS TO AVOID:

isocyanates; Oxidizing materials; acids; strong bases

HAZARDOUS POLYMERIZATION:

Carbon dioxide, carbon monoxide, oxides of nitrogen, other hazardous materials, and smoke are all possible.



11. TOXICOLOGICAL INFORMATION

EYE EFFECTS:	Not known
SKIN EFFECTS:	Not known
ACCUTE INHALATION EFFECTS:	Not known
CHRONIC EFFECTS:	Not known
CARCINOGENICITY:	Not known
MUTAGENICITY:	Not known
TERATOGENICITY:	Not known

12. ECOLOGICAL INFORMATION

Not known

13. DISPOSAL CONSIDERATIONS

DISPOSAL:

Any disposal practice must be in compliance with all federal, state and local laws and regulations. Chemical additions, processing or otherwise altering this material may make the waste management information presented in this MSDS incomplete, inaccurate or otherwise inappropriate. Waste characterization and disposal compliance are the responsibility solely of the party generating the waste or deciding to discard or dispose of the material.

Do not allow material to enter sewers, a body of water, or contact the ground. Refer to RCRA 40 CFR 261, and/or any other appropriate federal, state or local requirements for proper classification information.

14. TRANSPORT INFORMATION

Non DOT/RCRA regulated

15. REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES:

*Non hazardous ingredients (0 90-95%)*Benzenediamine, ar,ar-diethyl-ar-methyl- (68479981 5-10%)TSCA

REGULATORY KEY DESCRIPTIONS:

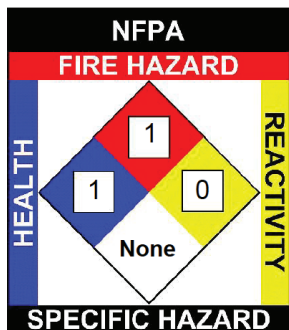
TSCA: Toxic Substances Control Act



16. OTHER INFORMATION

NFPA: _____ Health = 1, Fire = 1, Reactivity = 0, Specific Hazard = None

HMIS III: _____ Health = 1, Fire = 1, Physical Hazard = 0



HMIS	
HEALTH	<input type="checkbox"/> 1
FLAMMABILITY	<input type="checkbox"/> 1
PHYSICAL HAZARD	<input type="checkbox"/> 0
PERSONAL PROTECTION	<input type="checkbox"/>

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