SAFETY DATA SHEET

SECTION 1 - Product & Company Identification

Product Name: NSR 150 Product Code: NSR 150

Rapid Cure Technologies
7030 Fly Road
East Syracuse, NY 13057
1-888-847-3610

Emergency Phone (Day)
M-F 8a-4p EST: 1-888-847-3610

Emergency Phone (Night)
All other Hours: 1-800-424-9300 Chemtrec

SECTION 2 - Hazards Identification

GHS Ratings:

Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3
Skin sensitizer	1	Skin sensitizer

GHS Hazards

H316	Causes mild skin irritation
H317	May cause an allergic skin reaction

GHS Precautions

P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P272	Contaminated work clothing should not be allowed out of the workplace
P280	Wear protective gloves/protective clothing/eye protection/face protection
P321	Specific treatment (see … on this label)
P363	Wash contaminated clothing before reuse
P302+P352	IF ON SKIN: Wash with soap and water
P332+P313	If skin irritation occurs: Get medical advice/attention
P333+P313	If skin irritation or a rash occurs: Get medical advice/attention
P501	Dispose of contents/container in accordance with all local, jurisdictional, national and international regulations.

Signal Word: Warning

SECTION 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Triethylene glycol dimethacrylate	109-16-0	20.00% - 30.00%
Poly(methyl methacrylate-co-ethylene glcyol dimethacrylate)	25777-71-3	10.00% - 20.00%
DL-Campherquinone	10373-78-1	1.00% - 5.00%

SECTION 4 - First Aid Measures

INHALATION: Move subject to fresh air and keep warm. If subject is not breathing, administer artificial respiration. If breathing is difficult, have qualified personnel administer oxygen and get medical attention.

EYE CONTACT: Flush the eye and under the lids with warm water for 15 minutes. Remove any contact lenses during the flushing. Get immediate medical attention if symptoms persist.

SKIN CONTACT: Remove and isolate contaminated clothing and shoes. Remove excess material from skin with clean cloth. Flush skin with running lukewarm water. Wash affected area using mild soap.

INGESTION: If appreciatble quantities are swallowed, seek immediate medical attention.

SECTION 5 - Firefighting Measures

Flash Point: 101 C (214 F)

LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Water spray, dry powder, carbon dioxide (CO2) or dry chemical foam. Do not use a solid water stream as it may scatter and spread fire.

HAZARDOUS COMBUSTIBLE PRODUCTS: High temperatures and fire conditions may cause rapid and uncontrolled polymerization, which can result in explosions and the violent rupture of storage vessels or containers.
ADVICE FOR FIREFIGHTERS: As in any fire wear a self-contained breathing apparatus and full protective gear. Do not enter a fire area without proper protective equipment.

SECTION 6 - Accidental Release Measures

SPILL PROCEDURES: Remove all sources of ignition and ventilate area. Avoid skin and eye contact. Use respiratory protection. Absorb with inert materials such as dry clay or sand and place in a closed container for disposal as solid waste in accordance with applicable regulations.

ENVIRONMENTAL PRECAUTIONS: Do not empty into drains. Do not discharge into drains/surface water/groundwater.

SECTION 7 - Handling and Storage

HANDLING: Keep away from open flames, sources of ignition and hot surfaces. Avoid conditions that could lead to static discharge. Ground all metal parts/containers. Avoid any unnecessary contact. Do not breathe vapors, spray or mist. Use protective clothing specified in Section 8.

STORAGE: Store away from heat and sunglight to prevent polymerization. Keep away from open flames, ignition sources and hot surfaces. Polymerization initiators include peroxides, strong oxidizers, strong acids & strong bases.

HEAT AND IGNITION SOURCES: Keep away from energy sources (heat, sunlight, gamma, x-rays) and especially ultraviolet light. These can cause reaction/explosion hazards. Violent polymerization may occur at elevated temperatures >140°F / 60°C. Overexposure to energy sources may cause pre-mature gellation.

SECTION 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Triethylene glycol dimethacrylate 109-16-0	Not Established	Not Established	Not Established

Poly(methyl methacrylate-co-ethylene glcyol dimethacrylate) 25777-71-3	Not Established	Not Established	Not Established
DL-Campherquinone 10373-78-1	Not Established	Not Established	Not Established

ENGINEERING CONTROLS: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use explosion proof ventilation equipment and non-sparking tools.

HAND PROTECTION: Use nitrile, butyl, neoprene or other gloves that are resistant to chemicals in Section 3. Replace immediately if punctured, torn or when change of appearance (color, elasticity, shape) occurs .

EYE PROTECTION: Use splash-proof safety goggles, safety glasses or face shields that are ANSI approved to prevent eye contact. Eye wash availability is also recommended.

SKIN PROTECTION: Protectvive or disposable outer clothing is recommended. Protective clothing must be thoroughly cleaned after each use.

RESPIRATORY PROTECTION: Use local exhaust to control vapors and mists. Use of a NIOSH approved respirator for organic vapors is recommended if TLV is exceeded.

CONTAMINATED GEAR: Lightly contaminated clothing may be laundered but separately from daily use clothing. Heavily contamined clothing, including shoes and other PPE should be disposed of.

SECTION 9 - Physical and Chemical Properties

Physical State:	Liquid	**Color:**	Opqaue Clear
Odor:	Liquid	**Odor Threshold:**	N/A
pH:	N/A	**Freezing/Melting Point:**	N/A
Boiling Point/Range:	N/A	**Flash Point:**	>201°F
Evaporation Rate:	N/A	**Flammability:**	N/A
LEL:	N/A	**UEL:**	N/A
Vapor Pressure:	N/A	**Vapor Density:**	N/A
Lbs/Gal:	9.479	**Solubility:**	N/A
Partition Coefficient (n-octanol/water):	N/A	**Autoignition Temperature:**	N/A
Decomposition Temperature:	N/A	**Viscosity #3 Zahn:**	TBD
VOC:	0.00 lbs/gal		

SECTION 10 - Stability and Reactivity

STABILITY: Product is stable under recommended storage conditions. Product may not be stable under excessive heat, moisture, pressure or exposure to incompatible or reactive materials.

STABLE

CONDITIONS TO AVOID: Direct sunlight. Extremely high or low temperatures. Keep away from energy sources (heat, sunlight, gamma, x-rays) and ultravoilet light.

INCOMPATIBLE MATERIALS: Keep away from amines, copper and copper alloys, strong oxidizers, strong acids and alkali. Avoid contamination from any source (metals, dust, organic materials). Reducing agents. Peroxides. Free radical initiators. Sulfur compounds.

None

POSSIBILITY OF HAZARDOUS REACTIONS: Hazardous polymerization may occur if exposure to fire conditions. Strong bases. Strong oxidizing agents like (fluorite, perchlorates, chlorine oxide, nitrates, permanganates and peroxides): may react violently and raises fire and explosion risk. High temperatures and fire conditions may cause rapid and uncontrolled polymerization, which can result in explosions and violent rupture of storage vessels or containers. It is best to avoid energy sources such as heat, light, gamma or x-rays during transportation and storage. Overexposure to these types of energy may cause pre-mature gellation.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile organic compounds, which can be flammable, irritating, corrosive or toxic.

None

Hazardous polymerization will not occur.

SECTION 11 - Toxicological Information

Mixture Toxicity

Component Toxicity

None

None

Effects of Overexposure

CAS Number	Description	% Weight	Carcinogen Rating
None			None

SECTION 12 - Ecological Information

General Notes - Avoid release to the environment.

Component Ecotoxicity

SECTION 13 - Disposal Considerations

Waste from Residues/Unused Products - Dispose of in accordance with local regulations.

Contaminated Packaging - Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14 - Transportation Information

Disclaimer - Any given paint product can be shipped in different size containers, ranging from a pint can to bulk tanks. The shipping regulations in the United States vary depending on container size. The Basic Description given below are for shipments in fully regulated, non-bulk containers, where the UN ID Number, Proper Shipping Name, (technical names, if any), Packing Groups & Hazard Class (subsidiary risks, if any) are given. This section does not cover packaging exceptions, such as smaller quantities that can be shipping in combination packaging i.e. Limitied Quantities or Consumer Commodities with or without basic descriptions or shipping papers. Not covered are exceptions given for products that do not sustain combustion and are exempted from regulation under certain modes of transportation. Products containing Reportable Quantities (RQ's) of hazardous substances when shipped in bulk, but not reportable when shipped in non-bulk packaging are not covered either. All subsequent shipping of this product

must be done by properly trained and certified employees under the specific competent authority's regulations.

Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	N/A	N/A	N/A	N/A
IATA	N/A	N/A	N/A	N/A
IMDG	N/A	N/A	N/A	N/A

SECTION 15 - Regulatory Information

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.
The following items are reportable under SARA 313:

None

This product contains the following chemicals which are listed by the state of California as carcinogenic or a reproductive toxin:

None

Country	Regulation	All Components Listed
USA	TSCA	Yes
Canada	DSL	No

EU Risk Phrases

Safety Phrase

None

SECTION 16 - Other Information

DISCLAIMER: To the best of our knowledge, the product information contained herein is based upon data believed to be reliable, however makes no warranty and disclaims any liability whatsoever for its accuracy or completeness. Since the actual use of this product is beyond our control, no guarantee expressed or implied, is made by Rapid Cure Technologies, Inc. as to the effects of such uses nor does Rapid Cure Technologies, Inc. assume liability arising out of the use of this product by others. It remains the responsibility of the user to ensure that the product herein is in accordance with all applicable laws and regulations.

Date revised: 2021-01-05 Reviewer Revision 1

Date Prepared: 10/3/2022

SAFETY DATA SHEET

SECTION 1 - Product & Company Identification

Product Name: NSR 250 Product Code: NSR 250

Rapid Cure Technologies
7030 Fly Road
East Syracuse, NY 13057
1-888-847-3610

Emergency Phone (Day)
M-F 8a-4p EST: 1-888-847-3610

Emergency Phone (Night)
All other Hours: 1-800-424-9300 Chemtrec

SECTION 2 - Hazards Identification

GHS Ratings:

Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: >= 1.5 < 2.3

GHS Hazards

H316	Causes mild skin irritation

GHS Precautions

P332+P313	If skin irritation occurs: Get medical advice/attention

Signal Word: Warning

SECTION 3 - Composition / Information on Ingredients

Chemical Name	CAS number	Weight Concentration %
Poly(methyl methacrylate-co-ethylene glcyol dimethacrylate)	25777-71-3	10.00% - 20.00%
DL-Campherquinone	10373-78-1	1.00% - 5.00%

SECTION 4 - First Aid Measures

INHALATION: Move subject to fresh air and keep warm. If subject is not breathing, administer artificial respiration. If breathing is difficult, have qualified personnel administer oxygen and get medical attention.

EYE CONTACT: Flush the eye and under the lids with warm water for 15 minutes. Remove any contact lenses during the flushing. Get immediate medical attention if symptoms persist.

SKIN CONTACT: Remove and isolate contaminated clothing and shoes. Remove excess material from skin with clean cloth. Flush skin with running lukewarm water. Wash affected area using mild soap.

INGESTION: If appreciatble quantities are swallowed, seek immediate medical attention.

SECTION 5 - Firefighting Measures

Flash Point: 101 C (214 F)

LEL: N/A UEL: N/A

EXTINGUISHING MEDIA: Water spray, dry powder, carbon dioxide (CO2) or dry chemical foam. Do not use a solid water stream as it may scatter and spread fire.

HAZARDOUS COMBUSTIBLE PRODUCTS: High temperatures and fire conditions may cause rapid and uncontrolled polymerization, which can result in explosions and the violent rupture of storage vessels or containers.
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SECTION 6 - Accidental Release Measures

SPILL PROCEDURES: Remove all sources of ignition and ventilate area. Avoid skin and eye contact. Use respiratory protection. Absorb with inert materials such as dry clay or sand and place in a closed container for disposal as solid waste in accordance with applicable regulations.

ENVIRONMENTAL PRECAUTIONS: Do not empty into drains. Do not discharge into drains/surface water/groundwater.

SECTION 7 - Handling and Storage

HANDLING: Keep away from open flames, sources of ignition and hot surfaces. Avoid conditions that could lead to static discharge. Ground all metal parts/containers. Avoid any unnecessary contact. Do not breathe vapors, spray or mist. Use protective clothing specified in Section 8.

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HEAT AND IGNITION SOURCES: Keep away from energy sources (heat, sunlight, gamma, x-rays) and especially ultraviolet light. These can cause reaction/explosion hazards. Violent polymerization may occur at elevated temperatures >140°F / 60°C. Overexposure to energy sources may cause pre-mature gellation.

SECTION 8 - Exposure Controls / Personal Protection

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Poly(methyl methacrylate-co-ethylene glcyol dimethacrylate) 25777-71-3	Not Established	Not Established	Not Established
DL-Campherquinone 10373-78-1	Not Established	Not Established	Not Established

ENGINEERING CONTROLS: Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Use explosion proof ventilation equipment and non-sparking tools.

HAND PROTECTION: Use nitrile, butyl, neoprene or other gloves that are resistant to chemicals in Section 3. Replace immediately if punctured, torn or when change of appearance (color, elasticity, shape) occurs.

EYE PROTECTION: Use splash-proof safety goggles, safety glasses or face shields that are ANSI approved to prevent eye contact. Eye wash availability is also recommended.

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RESPIRATORY PROTECTION: Use local exhaust to control vapors and mists. Use of a NIOSH approved respirator for organic vapors is recommended if TLV is exceeded.

CONTAMINATED GEAR: Lightly contaminated clothing may be laundered but separately from daily use clothing. Heavily contamined clothing, including shoes and other PPE should be disposed of.

SECTION 9 - Physical and Chemical Properties

Physical State: Liquid	**Color:** Opaque Clear
Odor: Acrylate	**Odor Threshold:** N/A
pH: N/A	**Freezing/Melting Point:** N/A
Boiling Point/Range: N/A	**Flash Point:** >201°F
Evaporation Rate: N/A	**Flammability:** N/A
LEL: N/A	**UEL:** N/A
Vapor Pressure: N/A	**Vapor Density:** N/A
Lbs/Gal: 9.316	**Solubility:** N/A
Partition Coefficient (n-octanol/water): N/A	**Autoignition Temperature:** N/A
Decomposition Temperature: N/A	**Viscosity #3 Zahn:** TBD
VOC: 0.00 lbs/gal	

SECTION 10 - Stability and Reactivity

STABILITY: Product is stable under recommended storage conditions. Product may not be stable under excessive heat, moisture, pressure or exposure to incompatible or reactive materials.

STABLE

CONDITIONS TO AVOID: Direct sunlight. Extremely high or low temperatures. Keep away from energy sources (heat, sunlight, gamma, x-rays) and ultravoilet light.

INCOMPATIBLE MATERIALS: Keep away from amines, copper and copper alloys, strong oxidizers, strong acids and alkali. Avoid contamination from any source (metals, dust, organic materials). Reducing agents. Peroxides. Free radical initiators. Sulfur compounds.

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HAZARDOUS DECOMPOSITION PRODUCTS: Thermal oxidation or pyrolysis (as in fire) may yield carbon dioxide, carbon monoxide and volatile organic compounds, which can be flammable, irritating, corrosive or toxic.

None

Hazardous polymerization will not occur.

SECTION 11 - Toxicological Information

Mixture Toxicity
Component Toxicity

None

None

Effects of Overexposure

CAS Number	Description	% Weight	Carcinogen Rating
None			None

SECTION 12 - Ecological Information

General Notes - Avoid release to the environment.

Component Ecotoxicity

SECTION 13 - Disposal Considerations

Waste from Residues/Unused Products - Dispose of in accordance with local regulations.

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Agency	Proper Shipping Name	UN Number	Packing Group	Hazard Class
DOT	N/A	N/A	N/A	N/A
IATA	N/A	N/A	N/A	N/A
IMDG	N/A	N/A	N/A	N/A

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Canada	DSL	No

EU Risk Phrases

Safety Phrase

None

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Date revised: 2021-01-05 Reviewer Revision 1

Date Prepared: 10/3/2022