

Safety Data Sheet: REBOUND AEROSOL, MM

Supersedes Date 11/07/2012

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1. PRODUCT AND COMPANY IDENTIFICATION

Product Name REBOUND AEROSOL, MM
Recommended use Solvent-borne coatings
Information on Manufacturer
CHEMSEARCH DIV. OF NCH CORP.
BOX 152170
IRVING, TX 75015

Product Code 5536
Chemical nature Hydrocarbons
Emergency Telephone Number
CHEMTREC® 800-424-9300
Telephone inquiry
972-579-2477

2. HAZARD IDENTIFICATION

Color black

Physical State Liquid

Odor solvent

GHS

Classification

Physical Hazards

Flammable aerosols
Gases under pressure

Category 1
Compressed Gas

Health Hazard

Aspiration Toxicity
Acute Oral Toxicity
Skin Corrosion/Irritation
Serious Eye Damage/Eye Irritation
Reproductive Toxicity
Carcinogenicity
Specific target organ systemic toxicity (single exposure)
Specific target organ systemic toxicity (repeated exposure)

Category 1
Category 4
Category 2
Category 2A
Category 2
Category 1B
Category 3
Category 2

Other hazards

None

Labeling

Signal Word

DANGER



Hazard Statements

H222 - Extremely flammable aerosol
H336 - May cause drowsiness or dizziness
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H302 - Harmful if swallowed
H304 - May be fatal if swallowed and enters airways
H350 - May cause cancer
H361 - Suspected of damaging fertility or the unborn child
H373 - May cause damage to organs through prolonged or repeated exposure
H280 - Contains gas under pressure; may explode if heated

Precautionary Statements

P202 - Do not handle until all safety precautions have been read and understood
P251 - Pressurized container: Do not pierce or burn, even after use
P210 - Keep away from heat, sparks, open flames or hot surfaces.
P260 - Do not breathe vapor, gas or mist.
P271 - Use in a well-ventilated area.
P280 - Wear protective gloves, protective clothing and eye protection.
P264 - Wash face, hands and any exposed skin thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product
P304 + P340 - IF INHALED: Remove person to fresh air and keep at rest in a position comfortable for breathing.
P342 + P311 - If experiencing respiratory symptoms, call a physician
P302+ P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs, get medical attention.
P362 - Take off contaminated clothing and wash before reuse
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 - If eye irritation persists, get medical attention.
P301+ P330 + P331 - IF SWALLOWED: Rinse mouth. DO NOT induce vomiting. Call a physician if unwell.
P233 - Keep container tightly closed
P403 + P235 - Store in a well-ventilated place. Keep cool
P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F
P501 - Dispose of contents and container in accordance with applicable regulations.

30 % of the mixture consists of ingredient(s) of unknown toxicity

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS-No	Weight %
Toluene	108-88-3	15-40
Acetone	67-64-1	15-40
Petroleum gases, liquified, sweetened	68476-86-8	10-30
Asphalt, oxidized	64742-93-4	7-13
Stoddard solvent	8052-41-3	3-7
Talc, respirable dust	14807-96-6	3-7

4. FIRST AID MEASURES

General advice	Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing.
Eye Contact	Rinse thoroughly with plenty of water, also under the eyelids. Get medical attention if irritation develops and persists.
Skin Contact	Wash off immediately with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists. Wash contaminated clothing before re-use.
Inhalation	Move to fresh air. In case of shortness of breath, give oxygen. If breathing has stopped, apply artificial respiration. Get medical attention immediately.
Ingestion	Drink 1 or 2 glasses of water. Do NOT induce vomiting. Get medical attention if symptoms occur.
Notes to physician	May cause sensitization of susceptible persons.

5. FIRE-FIGHTING MEASURES

Flash Point	35 °F / 2 °C	Method	Seta closed cup
Flammability Limits in Air % Mixture.		Upper	12.8
Suitable Extinguishing Media		Lower	0.9
Water spray. Carbon dioxide (CO ₂). Foam. Dry chemical.			
Specific hazards arising from the chemical			
Extremely flammable. Solvent vapors are heavier than air and may spread along floors. Vapors may ignite and explode. Flame extension: >30 inches / >76 cm and Burnback: 2 inch / 5 cm. Material can create slippery conditions.			
Protective Equipment and Precautions for Firefighters			
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.			
Aerosol Level (NFPA 30B) -	3		
NFPA	Health 2	Flammability 4	Instability 0
HMIS	Health 2	Flammability 4	Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Use personal protective equipment. Ensure adequate ventilation. Take precautionary measures against static discharges. Remove all sources of ignition. Material can create slippery conditions.
Environmental Precautions	Do not flush into surface water or sanitary sewer system.
Methods for Containment	Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13).
Methods for Cleaning Up	Use clean non-sparking tools to collect absorbed material. Pick up and transfer to properly labeled containers.
Neutralizing Agent	Not applicable.

7. HANDLING AND STORAGE

Handling	Keep away from open flames, hot surfaces and sources of ignition. Avoid breathing vapors or mists. Avoid contact with skin, eyes and clothing.			
Storage	Keep away from heat and sources of ignition. Store in original container. Keep containers tightly closed in a dry, cool and well-ventilated place.			
Storage Temperature	Minimum	35 °F / 2 °C	Maximum	120 °F / 49 °C
Storage Conditions	Indoor	X	Outdoor	Heated Refrigerated

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines

Component	ACGIH TLV	OSHA PEL	NIOSH
Toluene	TWA: 20 ppm	TWA: 200 ppm Ceiling: 300 ppm	IDLH: 500 ppm STEL 150 ppm STEL 560 mg/m ³ TWA: 100 ppm TWA: 375 mg/m ³
Acetone	TWA: 500 ppm STEL: 750 ppm	TWA: 1000 ppm TWA: 2400 mg/m ³	IDLH: 2500 ppm TWA: 250 ppm TWA: 590 mg/m ³
Petroleum gases, liquified, sweetened	No data available	No data available	No data available
Asphalt, oxidized	No data available	No data available	No data available
Stoddard solvent	TWA: 100 ppm	TWA: 500 ppm TWA: 2900 mg/m ³	IDLH: 20000 mg/m ³ Ceiling: 1800 mg/m ³ TWA: 350 mg/m ³
Talc, respirable dust	TWA: 2 mg/m ³	No data available	IDLH: 1000 mg/m ³ TWA: 2 mg/m ³

Engineering Measures

Ensure adequate ventilation, especially in confined areas. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Personal Protective Equipment**Eye/Face Protection**

Safety glasses with side-shields.

Skin Protection

Wear suitable protective clothing, Impervious gloves.

Respiratory Protection

In case of inadequate ventilation wear respiratory protection. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

General Hygiene Considerations

Ensure that eyewash stations and safety showers are close to the workstation location. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid	Viscosity	Semi-viscous
Color	black	Odor	solvent
Odor Threshold	Not applicable	Appearance	Textured black paste
pH	Not applicable	Specific Gravity	0.95
Evaporation Rate	>1 (Butyl acetate=1)	Percent Volatile (Volume)	>40
VOC Content (%)	40	VOC Content (g/L)	380
Vapor Pressure	68 mmHg @ 70°F	Vapor Density	>1 (Air = 1.0)
Solubility	Negligible	n-Octanol/Water Partition	No data available
Melting Point/Range	No data available	Decomposition Temperature	No data available
Boiling Point/Range	> 100 °F / 38 °C	Flammability (solid, gas)	No data available
Flash Point	35 °F / 2 °C	Method	Seta closed cup
Autoignition Temperature	No information available.		
Flammability Limits in Air %	Mixture.	Upper 12.8 Lower 0.9	

10. STABILITY AND REACTIVITY

Chemical Stability	Stable. Hazardous polymerization does not occur.
Conditions to Avoid	Keep away from open flames, hot surfaces, and sources of ignition
Incompatible Products	Acids, Alkalis , Reducing agents, Strong oxidizing agents.
Hazardous Decomposition Products	Carbon oxides, Hydrocarbons.
Possibility of Hazardous Reactions	None under normal processing

11. TOXICOLOGICAL INFORMATION

Product Information

The following values are calculated based on chapter 3.1 of the GHS document (Rev. 3, 2009):

Oral LD50	No information available
Dermal LD50	No information available
Inhalation LC50	
Gas	No information available
Mist	No information available
Vapor	No information available

Principle Route of Exposure Skin contact, Eye contact, Inhalation.

Primary Routes of Entry Inhalation, Skin Absorption.

Acute Effects

Eyes Causes eye irritation.

Skin Causes skin irritation. May be absorbed through the skin in harmful amounts. May cause allergic

	skin reaction.
Inhalation	May cause irritation of respiratory tract. Inhalation may cause central nervous system effects. May cause central nervous system depression. Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.
Ingestion	Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination.
Chronic Toxicity	Liver and kidney injuries may occur. May cause sensitization by skin contact. Repeated and prolonged exposure to solvents may cause brain and nervous system damage. Contains a known or suspected carcinogen. Contains a known or suspected reproductive toxin. Prolonged or repeated inhalation may cause damage to the lungs.
Target Organ Effects	Central nervous system, Kidney, Liver, Eyes, Skin, Lungs.
Aggravated Medical Conditions	Kidney disorders, Liver disorders, Skin disorders, Neurological disorders, Respiratory disorders.

Component Information

Acute Toxicity

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation	Draize Test	Other
Toluene	= 636 mg/kg (Rat)	= 8390 mg/kg (Rabbit) = 12124 mg/kg (Rat)	= 12.5 mg/L (Rat) 4 h > 26700 ppm (Rat) 1 h	no data available	no data available
Acetone	no data available	no data available	= 50100 mg/m ³ (Rat) 8 h	no data available	no data available
Petroleum gases, liquified, sweetened	no data available	no data available	no data available	no data available	no data available
Asphalt, oxidized	> 5000 mg/kg (Rat)	> 2000 mg/kg (Rabbit)	no data available	no data available	no data available
Stoddard solvent	no data available	no data available	no data available	no data available	no data available
Talc, respirable dust	no data available	no data available	no data available	no data available	no data available

Chronic Toxicity

Component	Mutagenicity	Sensitization	Developmental Toxicity	Reproductive Toxicity	Target Organ Effects
Toluene	no data available	no data available	yes	yes	CNS, eyes, kidneys, liver, respiratory system, skin, reproductive system
Acetone	no data available	no data available	no data available	no data available	eyes, CNS, respiratory system, skin
Petroleum gases, liquified, sweetened	no data available	no data available	no data available	no data available	no data available
Asphalt, oxidized	no data available	no data available	no data available	no data available	no data available
Stoddard solvent	no data available	no data available	no data available	no data available	eyes,CNS,respiratory system,skin,kidneys
Talc, respirable dust	no data available	no data available	no data available	no data available	CVS,eyes,respiratory system

Carcinogenicity

Component	ACGIH	IARC	NTP	OSHA	Other
Toluene	not applicable	not applicable	not applicable	not applicable	not applicable
Acetone	not applicable	not applicable	not applicable	not applicable	not applicable
Petroleum gases, liquified, sweetened	not applicable	not applicable	not applicable	not applicable	not applicable
Asphalt, oxidized	not applicable	Group 2A	not applicable	X	not applicable
Stoddard solvent	not applicable	not applicable	not applicable	not applicable	not applicable
Talc, respirable dust	not applicable	not applicable	not applicable	not applicable	not applicable

12. ECOLOGICAL INFORMATION

Product Information

No information available.

Component Information

Component	Toxicity to Algae	Toxicity to Fish	Microtox	Water Flea	log Pow
Toluene	EC50 > 433 mg/L Pseudokirchneriella subcapitata 96 h EC50 = 12.5 mg/L Pseudokirchneriella subcapitata 72 h	LC50 15.22 - 19.05 mg/L Pimephales promelas 96 h LC50 = 12.6 mg/L Pimephales promelas 96 h LC50 5.89 - 7.81 mg/L Oncorhynchus mykiss 96 h LC50 14.1 - 17.16 mg/L Oncorhynchus mykiss 96 h LC50 = 5.8 mg/L Oncorhynchus mykiss 96 h LC50 11.0 - 15.0 mg/L Lepomis macrochirus 96 h LC50 = 54 mg/L Oryzias latipes 96 h LC50 = 28.2 mg/L Poecilia reticulata 96 h	EC50 = 19.7 mg/L 30 min	EC50 5.46 - 9.83 mg/L 48 h EC50= 11.5 mg/L 48 h	2.65

		LC50 50.87 - 70.34 mg/L <i>Poecilia reticulata</i> 96 h			
Acetone	no data available	LC50 4.74 - 6.33 mL/L <i>Oncorhynchus mykiss</i> 96 h LC50 6210 - 8120 mg/L <i>Pimephales promelas</i> 96 h LC50 = 8300 mg/L <i>Lepomis macrochirus</i> 96 h	EC50 = 14500 mg/L 15 min	EC50 10294 - 17704 mg/L 48 h EC50 12600 - 12700 mg/L 48 h	-0.24
Petroleum gases, liquified, sweetened	no data available	no data available	no data available	no data available	<=2.8
Asphalt, oxidized	EC50 = 56 mg/L <i>Pseudokirchneriella subcapitata</i> 72 h	no data available	no data available	no data available	N/A
Stoddard solvent	no data available	no data available	no data available	no data available	N/A
Talc, respirable dust	no data available	LC50 > 100 g/L <i>Brachydanio rerio</i> 96 h	no data available	no data available	N/A

Persistence and Degradability No information available.
Bioaccumulation No information available.
Mobility No information available.

13. DISPOSAL CONSIDERATIONS

Product Disposal Dispose of in accordance with local regulations.
Container Disposal Contents under pressure. Do not puncture. Empty remaining contents. Empty containers should be taken for local recycling, recovery, or waste disposal.

14. TRANSPORT INFORMATION

DOT
Proper Shipping Name CONSUMER COMMODITY
Hazard Class ORM-D
Description CONSUMER COMMODITY ORM-D

TDG
Hazard Class 2.1
UN-No UN1950

ICAO
Shipping Description DO NOT SHIP AIR

IATA
Shipping Description DO NOT SHIP AIR

IMDG/IMO
Proper Shipping Name AEROSOLS
Hazard Class 2.1
UN-No UN1950
Shipping Description UN1950, AEROSOLS, 2.1, LTD QTY

15. REGULATORY INFORMATION

Inventories
TSCA Complies
DSL Complies

U.S. Federal Regulations
SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Component	CAS-No	Weight %	SARA 313 - Threshold Values
Toluene	108-88-3	15-40	1.0

SARA 311/312 Hazardous Categorization

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Sudden Release of Pressure Hazard	Reactive Hazard
Yes	Yes	Yes	Yes	No

CERCLA

Component	Hazardous Substances RQs	CERCLA EHS RQs

Toluene	1000 lb	Not applicable
Acetone	5000 lb	Not applicable
Petroleum gases, liquified, sweetened	Not applicable	Not applicable
Asphalt, oxidized	Not applicable	Not applicable
Stoddard solvent	Not applicable	Not applicable
Talc, respirable dust	Not applicable	Not applicable

16. OTHER INFORMATION

Prepared By Adrienne McKee
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Reason for Revision No information available.
Glossary No information available.
List of References. No information available.

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