Version Number 1.4 Revision Date 12/19/2019

GEON[®] Performance Solutions

Page 1 of 16 Print Date 12/19/2024

SAFETY DATA SHEET

Supol HR570 8001 Black 17287

Section 1. Identification			
GHS product identifier Chemical name CAS number	:	Supol HR570 8001 Black 17287 Mixture Mixture	
Other means of identification Product type	:	EM10026810 solid	
<u>Relevant identified uses of the subs</u> Product use	tance :	e or mixture and uses advised against Industrial applications. Plastics.	
Supplier's details	:	GEON Performance Solutions LLC 33587 Walker Road, Avon Lake, OH 44012	
Emergency telephone number (with hours of operation)	:	1 (440) 930-1000 or 1 (866) POLYONE CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).	

Section 2. Hazards identification

This mixture has not been evaluated as a whole. Information provided on the health effects of this product is based on individual components. All ingredients are bound and potential for hazardous exposure as shipped is minimal. However, some vapors may be released upon heating and the end-user (fabricator) must take the necessary precautions (mechanical ventilation, respiratory protection, etc.) to protect employees from exposure. After handling, always wash hands thoroughly with soap and water.

OSHA/HCS status	:	While this material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), this SDS contains valuable information critical to the safe handling and proper use of the product. This SDS should be retained and available for employees and other users of this product.
Classification of the substance or mixture	:	Not classified.
GHS label elements		
Signal word Hazard statements	:	No signal word. No known significant effects or critical hazards.

1/16

Version Number 1.4 Revision Date 12/19/2019 Page 2 of 16 Print Date 12/19/2024

Precautionary statements

General	:	Not applicable.
Prevention	:	Not applicable.
Response	:	Not applicable.
Storage	:	Not applicable.
Disposal	:	Not applicable.
Supplemental label elements	:	None known.
Hazards not otherwise classified	:	None known.
		Not available.

Section 3. Composition/information on ingredients

Substance/mixture	:	Mixture
Chemical name	:	Mixture
Other means of identification	:	EM10026810

CAS number/other identifiers

Ingredient name	%	CAS number
Talc	10 - 25	14807-96-6
Carbon black	0.3 - 1	1333-86-4

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures

Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable
	for breathing. Get medical attention if symptoms occur.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated
	clothing and shoes. Get medical attention if symptoms occur.





Version Number 1.4	Page 3 of 16
Revision Date 12/19/2019	Print Date 12/19/2024

Ingestion

Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

Most important symptoms/effects, acute and delayed

Potential acute health effects

Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.

:

Over-exposure signs/symptoms

Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

Indication of immediate medical attention and special treatment needed, if necessary

Notes to physician Specific treatments	 Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training.

See toxicological information (Section 11)

Section 5. Firefighting measures

Extinguishing media

Suitable extinguishing media Unsuitable extinguishing media	:	In case of fire, use water spray (fog), foam, dry chemical or CO_2 . None known.
Specific hazards arising from the chemical	:	No specific fire or explosion hazard.
Hazardous thermal decomposition products:Decomposition products may include the following materials: carbon dioxide carbon monoxide		carbon dioxide
		3/16



Version Number 1.4	Page 4 of 16
Revision Date 12/19/2019	Print Date 12/19/2024

Special protective actions for fire-fighters
 Special protective equipment for fire-fighters
 Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
 Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non-emergency personnel For emergency responders	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment. If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions Methods and materials for containme	: nt a	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methous and materials for containine	ni ai	
Small spill	:	Move containers from spill area. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Move containers from spill area. Prevent entry into sewers, water
Large spill	:	courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labeled waste container. Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8).
Advice on general occupational	:	Eating, drinking and smoking should be prohibited in areas where this
hygiene		material is handled, stored and processed. Workers should wash hands

GEON Performance Solutions LLC

SAFETY DATA SHEET Supol HR570 8001 Black 17287



Version Number 1.4	Page 5 of 16
Revision Date 12/19/2019	Print Date 12/19/2024

and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities
 Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure controls/personal protection

Control parameters

Occupational exposure limits

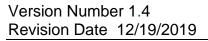
Ingredient name	Exposure limits
Talc	OSHA PEL Z3 (1997-09-03)
	TWA 20 million particles per 1 cubic foot Form: not/asb
	OSHA PEL Z3 (1997-09-03)
	STEL 1 fiber/cm3: refers to respirable fibers having a diameter of < 3 μ m (micrometers) and a fiber length > 5 μ m (micrometers), and the length/diameter ratio $\geq = 3/1$ Form: not/asb
	TWA 0.1 fiber/cm3: refers to respirable fibers having a diameter of < 3 μ m (micrometers) and a fiber length > 5 μ m (micrometers), and the length/diameter ratio \geq /= 3/1 Form: con/asb
	STEL 1 fiber/cm3: refers to respirable fibers having a diameter of < 3 μ m (micrometers) and a fiber length > 5 μ m (micrometers), and the length/diameter ratio \geq /= 3/1 Form: con/asb
	ACGIH TLV (1996-05-18)
	TWA 2 mg/m3 Form: Respirable fraction
	ACGIH TLV (1998-09-01)
	TWA 0.1 fiber/cm3: refers to respirable fibers having a diameter of $< 3 \mu m$ (micrometers) and a fiber length $> 5 \mu m$ (micrometers), and the length/diameter ratio $\geq /= 3/1$ Form: respiratble fibre
	NIOSH REL (1994-06-01)
	TWA 2 mg/m3 Form: Respirable fraction
	OSHA PEL 1989 (1989-03-01)
	TWA 2 mg/m3 Form: Respirable dust
	NIOSH REL (1994-06-01)
	TWA 6 mg/m3 Form: Total
	TWA 3 mg/m3 Form: Respirable fraction

Version Number 1.4 Revision Date 12/19/2019

Page 6 of 16 Print Date 12/19/2024

Carbon black	OSHA PEL 1989 (1989-03-01) TWA 3.5 mg/m3 OSHA PEL (1993-06-30) TWA 3.5 mg/m3 NIOSH REL (1994-06-01) TWA 3.5 mg/m3 NIOSH REL (1994-06-01) TWA 0.1 mgPAH/m ³ ACGIH TLV (2010-12-06) TWA 3 mg/m3 Form: Inhalable fraction
Appropriate engineering controls	: Good general ventilation should be sufficient to control worker
Environmental exposure controls	 exposure to airborne contaminants. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.
Individual protection measures	
Hygiene measures	: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	 Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection	: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products
Body protection	 if a risk assessment indicates this is necessary. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
	approved by a specialist before nanoling this product.







Page 7 of 16 Print Date 12/19/2024

should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

Section 9. Physical and chemical properties

Appearance

Physical state	:	solid [Pellets.]
Color	:	BLACK
Odor	:	Not available.
Odor threshold	:	Not available.
рН	:	Not available.
Melting point	:	Not available.
Boiling point	:	Not available.
Flash point	:	Not available.
Burning time	:	Not available.
Burning rate	:	Not available.
Evaporation rate	:	Not available.
Flammability (solid, gas)	:	Not available.
Lower and upper explosive	:	Lower: Not available.
(flammable) limits		Upper: Not available.
Vapor pressure	:	Not available.
Vapor density	:	Not available.
Relative density	:	Not available.
Solubility	:	Not available.
Solubility in water	:	Not available.
Partition coefficient: n-	:	Not available.
octanol/water		
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	:	Dynamic: Not available.
		Kinematic: Not available.
Aerosol product		
Heat of combustion	:	Not available.

ficat of compustion	•	Not available.
Ignition distance	:	Not available.
Enclosed space ignition - Time	:	Not available.
equivalent		

Version Number 1.4 Revision Date 12/19/2019

Page 8 of 16 Print Date 12/19/2024

GEON

Performance Solutions

Enclosed space ignition -	:	Not available.
Deflagration density		
Flame height	:	Not available.
Flame duration	:	Not available.

Section 10. Stability and reactivity

Reactivity	:	No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	:	Stable under recommended storage and handling conditions (see Section 7).
Possibility of hazardous reactions	:	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	:	Keep away from extreme heat and oxidizing agents.
Incompatible materials	:	Keep away from strong acids. Oxidizer.
Hazardous decomposition products	:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Information on toxicological effects

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure			
Carbon black							
	LD50 Oral	Rat	15,400 mg/kg	-			
Remarks - Inhalation:	No applicable to	No applicable toxicity data					
Remarks - Dermal:	No applicable toxicity data						
Talc							
Remarks - Oral:	No applicable to	oxicity data					
Remarks - Inhalation:	No applicable toxicity data						
Remarks - Dermal:	No applicable to	oxicity data					
Conclusion/Summary	: Mi	xture Not fully teste	d				

Conclusion/Summary

Mixture.Not fully tested.

Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation
Talc	Skin - Mild	Human		72 hrs	-

Version Number 1.4 Revision Date 12/19/2019 Page 9 of 16 Print Date 12/19/2024

	irritant				
Conclusion/Summary	mm				
Skin	:	М	ixture.Not full	v tested	
Eyes	:		ixture.Not full		
Respiratory	: Mixture.Not fully tested.				
L V				5	
Sensitization					
Conclusion/Summary					
Skin	:	Μ	ixture.Not full	y tested.	
Respiratory	:		ixture.Not full		
Mutagenicity					
Conclusion/Summary	:	М	ixture.Not full	y tested.	
Carcinogenicity					
Conclusion/Summary	:	М	ixture.Not full	y tested.	
Classification					
Product/ingredient name	OSHA		IARC	NTP	
Carbon black	-		2B	-	
Talc	-		132B	-	
<u>Reproductive toxicity</u>					
Conclusion/Summary	:	Μ	ixture.Not full	y tested.	
Teratogenicity					
Conclusion/Summary	:	М	ixture.Not full	y tested.	
Specific target organ toxicity Not available.	(single exp	osur	<u>:e)</u>		
Specific target organ toxicity Not available.	(repeated)	expo	<u>sure)</u>		
Aspiration hazard					
Not available. Information on likely routes	of :	N	ot available.		
Not available.	of :	N	ot available.		



Version Number 1.4 Revision Date 12/19/2019 Page 10 of 16 Print Date 12/19/2024

Potential acute health effects

Eye contact	:	No known significant effects or critical hazards.
Inhalation	:	No known significant effects or critical hazards.
Skin contact	:	No known significant effects or critical hazards.
Ingestion	:	No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact	:	No specific data.
Inhalation	:	No specific data.
Skin contact	:	No specific data.
Ingestion	:	No specific data.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Short term exposure

Potential immediate effects Potential delayed effects	:	Not available. Not available.
Long term exposure		
Potential immediate effects Potential delayed effects	:	Not available. Not available.
Potential chronic health effects		
Conclusion/Summary	:	Mixture.Not fully tested.
General	:	No known significant effects or critical hazards.
Carcinogenicity	:	No known significant effects or critical hazards.
Mutagenicity	:	No known significant effects or critical hazards.
Teratogenicity	:	No known significant effects or critical hazards.
Developmental effects	:	No known significant effects or critical hazards.
Fertility effects	:	No known significant effects or critical hazards.
Normanias I massing of tariaity		

Numerical measures of toxicity

Acute toxicity estimates

Not available.



Version Number 1.4 Revision Date 12/19/2019

Page 11 of 16 Print Date 12/19/2024

Section 12. Ecological information

Toxicity

Result	Species	Exposure	
No applicable toxicity data			
Acute EC50 37.563 Mg/l Fresh	Aquatic invertebrates.	48 h	
water	Daphnia		
Acute			
No applicable toxicity data			
No applicable toxicity data			
No applicable toxicity data			
No applicable toxicity data			
No applicable toxicity data			
No applicable toxicity data			
No applicable toxicity data			
No applicable toxicity data			
37			
Chemicals are not readily available	as they are bound within the	e polymer matrix.	
	-		
: Chemicals are not read polymer matrix.	lily available as they are bou	nd within the	
<u>/</u>			
: Chemicals are not read polymer matrix.	lily available as they are bou	nd within the	
	Acute EC50 37.563 Mg/l Fresh water Acute No applicable toxicity data No applicable toxicity data T Chemicals are not readily available : Chemicals are not readily available : Chemicals are not readily available : Chemicals are not readily available	Acute EC50 37.563 Mg/l Fresh water Aquatic invertebrates. Daphnia Acute Daphnia No applicable toxicity data No applicable toxicity data No applicable toxicity data 7 Chemicals are not readily available as they are bound within the polymer matrix. : Chemicals are not readily available as they are bourd within the polymer matrix. :	

vot available.

Mobility in soil



Version Number 1.4 Revision Date 12/19/2019

Performance Solutions Page 12 of 16

Print Date 12/19/2024

GEO

Not available.

Soil/water partition coefficient (KOC) Other adverse effects

Disposal methods

No known significant effects or critical hazards.

Section 13. Disposal considerations

:

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

United States - RCRA Acute hazardous waste "P" List: Not listed

United States - RCRA Toxic hazardous waste "U" List: Not listed

Section 14. Transport information

U.S.DOT 49CFR Ground/Air/Water	:	Not regulated for transportation.
International Air ICAO/IATA	:	Consult mode specific transport rules
International Water IMO/IMDG	:	Consult mode specific transport rules

Section 15. Regulatory information

U.S. Federal regulations	: United States - TSCA 12(b) - Chemical export notification: None of the components are listed.
	United States - TSCA 4(a) - Final Test Rules: Not listed
	United States - TSCA 4(a) - ITC Priority list: Not listed
	United States - TSCA 4(a) - Proposed test rules: Not listed
	12/16



Version Number 1.4	Page 13 of 16
Revision Date 12/19/2019	Print Date 12/19/2024

		United States - TSCA 4(f) - Priority risk review: Not listed United States - TSCA 5(a)2 - Final significant new use rules: Not listed
		United States - TSCA 5(a)2 - Proposed significant new use rules: Not listed
		United States - TSCA 5(e) - Substances consent order: Not listed
		United States - TSCA 6 - Final risk management: Not listed
		United States - TSCA 6 - Proposed risk management: Not listed
		United States - TSCA 8(a) - Chemical risk rules: Not listed
		United States - TSCA 8(a) - Dioxin/Furane precusor: Not listed
		United States - TSCA 8(a) - Chemical Data Reporting (CDR): Not
		determined
		United States - TSCA 8(a) - Preliminary assessment report
		(PAIR): Not listed
		United States - TSCA 8(c) - Significant adverse reaction (SAR):
		Not listed
		United States - TSCA 8(d) - Health and safety studies: Not listed
		United States - EPA Clean water act (CWA) section 307 - Priority
		pollutants: Not listed
		United States - EPA Clean water act (CWA) section 311 -
		Hazardous substances: Not listed United States - EPA Clean air act (CAA) section 112 - Accidental
		release prevention - Flammable substances: Not listed
		United States - EPA Clean air act (CAA) section 112 - Accidental
		release prevention - Toxic substances: Not listed
		United States - Department of commerce - Precursor chemical:
		Not listed
Clean Air Act Section 112(b)	:	Not listed
Hazardous Air Pollutants (HAPs)		
Clean Air Act Section 602 Class I	:	Not listed
Substances		
Clean Air Act Section 602 Class II	:	Not listed
Substances		
DEA List I Chemicals (Precursor	:	Not listed
Chemicals)		
DEA List II Chemicals (Essential Chemicals)	:	Not listed

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

SARA 311/312

Classification

: Not applicable.

Version Number 1.4 Revision Date 12/19/2019 Page 14 of 16 Print Date 12/19/2024

GEON

Performance Solutions

Composition/information on ingredients

No products were found.

Name	%	Classification
Talc	>= 10 - <= 25	CARCINOGENICITY - Category 2
Carbon black	>= 0.3 - <= 1	CARCINOGENICITY - Category 2

Not applicable.

State regulations	
Massachusetts	: None of the components are listed.
New York	: None of the components are listed.
New Jersey	: The following components are listed: Carbon black Talc
Pennsylvania	: The following components are listed: Talc
	Carbon black

California Prop. 65

WARNING: This product can expose you to chemicals including Carbon black, Talc, which are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ingredient name	No significant risk level	Maximum acceptable dosage level
Carbon black	-	-
Talc	-	-

		A 11
United States inventory (TSCA 8b)	:	All components are active or exempted.
Canada inventory	:	Not determined.
International regulations		
<u>Inventory list</u>		
Australia	:	Not determined.
Canada	:	Not determined.
China	:	Not determined.
Europe inventory	:	Not determined.
Japan	:	Not determined.
		4.4/4.0

Version Number 1.4 Revision Date 12/19/2019

Page 15 of 16 Print Date 12/19/2024

New Zealand	:	Not determined.
Philippines	:	Not determined.
Republic of Korea	:	Not determined.
Taiwan	:	Not determined.
Turkey	:	Not determined.
United States	:	All components are active or exempted.

Section 16. Other information

Hazardous Material Information System (U.S.A.)

Health	/	0
Flammability		0
Physical hazards		0

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual. History

History		
Date of printing	:	12/19/2024
Date of issue/Date of revision	:	12/19/2019
Date of previous issue	:	05/10/2018
Version	:	1.4
Key to abbreviations	:	ATE = Acute Toxicity Estimate
·		BCF = Bioconcentration Factor
		GHS = Globally Harmonized System of Classification and Labelling of
		Chemicals
		IATA = International Air Transport Association
		IBC = Intermediate Bulk Container
		IMDG = International Maritime Dangerous Goods
		LogPow = logarithm of the octanol/water partition coefficient
		MARPOL = International Convention for the Prevention of Pollution From
		Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine
		pollution)
		UN = United Nations
References	:	Not available.

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-

15/16



Version Number 1.4 Revision Date 12/19/2019 Page 16 of 16 Print Date 12/19/2024

named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist. Particularly this information may not be valid for such material used in conjunction with any other materials or in any process, unless specified in the text.

